



**American
Diabetes
Association**

**1977-78
Annual
Report**

**Building
Together**

President's Report

An optimist claims that we live in the best of all possible worlds; the pessimist fears it is true. To be President of the American Diabetes Association lies somewhere in between.

For me, the year 1977-1978 has brought some extraordinary satisfactions. It's also yielded some interesting insights, which prompt the question, "Why is this period so different from all others?"

I believe it is because we have reached that critical mass—of many talents and various interests. It enables us truly to be the American Diabetes Association. ADA embodies diabetics, physicians, nurses, parents and relatives of diabetics, dietitians, social workers, researchers, and concerned citizens . . . all compassionate human beings who share a mutual commitment to diabetes.

That commitment has led to many positive actions during the year. Thus, we've made many efforts to join forces with other national groups with diabetes-related interests. Dialogues have been initiated with American Association of Diabetes Educators, American Medical Association, The American Dietetic Association, and The Endocrine Society.

We have struck a national posture to become the spokesman for the 10,000,000 American diabetics. In the process, we have become a potent political force. When your Chairman of the Board, Myles H. Tanenbaum, or I, or your other appointed leaders have testified before Congressional Committees, we have spoken with the confidence of representing a membership of over 125,000. In concert with the National Diabetes Advisory Board, whose twelve non-federal members include eight ADA members, we have been extraordinarily successful. Our superb committee structure enables us to speak with authority in matters other than research support; e.g., such items as health insurance for diabetics, food and drug labeling, sugar substitutes, and so on.

We have initiated prospective stances. Thus, we have released position papers on recombinant DNA and saccharin.

We have expanded our educational efforts in our journals. This year, 1978, witnessed the birth of our third journal, *DIABETES CARE*; the development of *DIABETES FORECAST* into a handsome, eminently readable periodical, and the expansion of *DIABETES* to feature increased emphasis on reviews and scientific teaching.

We have amplified our national research thrust. Every issue of *FORECAST* carries reports



on some aspect of research. We have altered our National Research Committee to include the best possible representation with regard to expertise and geographical distribution.

Our Committee on Research has been expanded to include lay representatives. We have instituted national peer review for all grant applications equal to, or exceeding, the funds we give in our conventional national applications. This has maximized the likelihood of the best possible judgment being given as to where the dollars should go and how they should be spent.

We have also encouraged the Affiliates to contribute a significant portion of their research-restricted funds to national research distribution. This is an idea whose time has come.

We have gained the momentum to become one of the giants of the voluntary health organization field. We are now a national multifaceted constituency of limitless potential. It is no longer national vs. affiliate, professionals vs. non-professionals, volunteers vs. staff . . . all the sundry schisms that hindered our cohesive identification in the past.

We have become the American Diabetes Association with the emphasis on "American" transcending all other considerations.

NORBERT FREINKEL, M.D.
President

Chairman's Report



This is a welcome opportunity to focus on a message we have been eager to address to all who are concerned about improving the well-being of those with diabetes. We bring you this word of hope: the American Diabetes Association has come alive and it is growing, and it is now working in over 600 communities in the United States to help those with diabetes.

Achievements, for the most part, are stated in statistical terms, even though in ADA there are human dimensions we also want to emphasize. But the statistics are impressive and we are happy to share them with you. ADA now has over 125,000 members plus thousands of other supporters who work in our campaigns; combined public support and revenue in 1977 rose by over 24%, passing the \$10 million mark for the first time; in 1977, ADA invested in its educational, research and service programs nearly \$7.4 million, an increase of 26% over the previous year; and programs in planning are of a dimension that will lead to even greater levels of service during the current year.

But the essential ingredient of ADA is the dream of tomorrow, and a complete report to you must attempt to capture that vision. We dream of a cure tomorrow, so we fund diabetes research today. We pray for relief from the ravages of diabetes, so we help train health professionals to improve the quality of care delivered to those with diabetes. We want to improve the quality of life for those with diabetes, so we help instruct them in the latest techniques in diabetes care.

In specific terms, ADA produces publications aimed at improving the patient's management of both the physical and emotional aspects of diabetes and at lifting the quality of care provided by the health professionals. By sponsoring professional forums and continuing education programs, the capabilities of health professionals are improved. Related programs geared to benefit the diabetic are carried on by our

chapters in all parts of the country. Camps, youth programs, training courses for teachers and emergency rescue squads, insurance and job counseling, and other services form the nucleus of the ADA program. As regards research, in 1977 the American Diabetes Association again funded more work in the field of diabetes investigation than any other voluntary health agency.

As the respected voice of the diabetes community, the Association has led the way to keep saccharin on the market, to permit genetic research to be safely carried on, to increase federal support for diabetes-related research, and to gain recognition by the public of the need to improve the quality of life for those with diabetes.

And the ability to carry on these activities is a tribute to the support by you—the American public—who have been with us in our bike rides, concerts, celebrity roasts, dinners, ad books, Christmas card sales, mail campaigns, and so many other appeals and special events. So much is owed to you. And to you, the American Diabetes Association pledges to continue to work to achieve our dream: a world without the fear of diabetes.

MYLES H. TANENBAUM
Chairman of the Board

Executive Vice President's Report



As a person who likes excitement, I learned very quickly after joining the Association's staff early in 1977 that I had come to the right place. I found a dynamic organization that was on the move at the national and Affiliate levels all across the country. This movement has continued and even accelerated during the past year. But despite an almost constant rush of activity, it has also been a period of solid building for the Association. I should like to describe briefly some of the building that has taken place.

Within the past few years the Association has accomplished a major transition. From a professional society of a few thousand physicians, scientists and allied health professionals, it has become an influential national voluntary health agency of 125,000 plus members and 600 chapters or branches organized under 68 Affiliates. This record of growth is a tribute to the volunteers and professionals who have made it possible.

The national office exists to serve the Affiliates and our members by carrying out those functions, and only those functions, which can be handled better on a centralized national basis. This includes, for example, the publishing of educational materials. Recently we have

completely reorganized our publications effort. DIABETES FORECAST, our patient-education magazine, has been made more informative, attractive and readable.

A new clinically-oriented journal, DIABETES CARE, was produced and distributed early in 1978. Dozens of new folders and brochures have been prepared to inform patients, volunteer workers and the public.

The Association has played a major role in coordinating the organization's dealings with the Federal government. This has helped to bring about vastly increased funding for diabetes research, a field that had been grossly underfunded for years.

While continuing the highly regarded and nationally sponsored scientific programs, research symposia and postgraduate courses in 1977, we initiated the first of a series of regional combined health care courses designed for allied health professionals as well as practicing physicians. Four of these are being held in 1978.

I suppose no charitable organization has as much money as it feels it needs, and ADA is no exception. But we have made great strides and the Association is now in sound, viable financial condition.

I have committed myself to helping ADA become the best voluntary health organization in America. There is only one reason why we want to be the best and that is a very important reason: to enable us to do the best possible job of serving all of America's diabetics. We have set as our goals the improvement of the skills of America's health professionals, who can help make possible this better life and the continued leadership in the pursuit of the cure for diabetes we all so fervently seek.

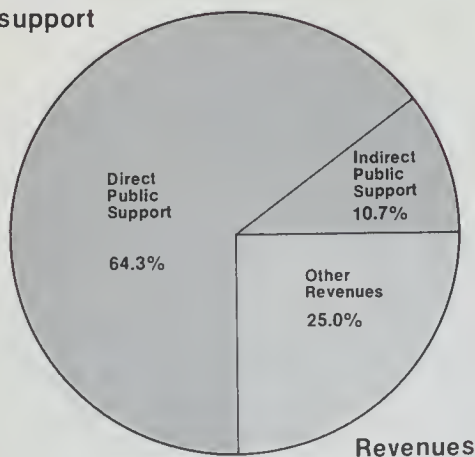
JOHN L. DUGAN, Jr.
Executive Vice-President

BUILDING TOGETHER through Sound Fiscal Management

AMERICAN DIABETES ASSOCIATION AND AFFILIATED DIABETES ASSOCIATIONS

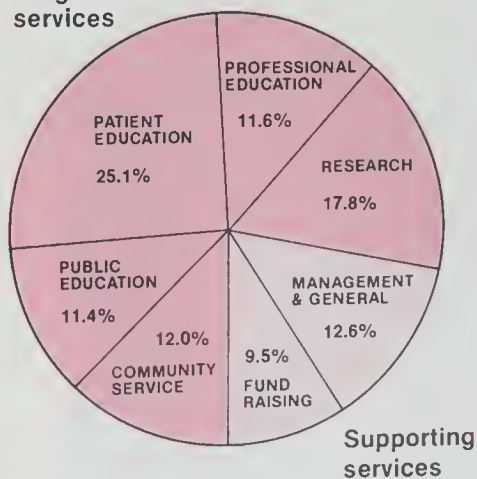
Where the money comes from:

Public support



Where the money goes:

Program services



Note: The latest Financial Statement of the Association may be obtained by writing to the national headquarters.

BUILDING TOGETHER through Effort and Innovation

Highlights of 1977 — June 1978

The period covered by this Report was a time of considerable activity along traditional lines as well as in new directions. The messages of the President, Chairman, and Executive Vice President in the preceding pages cite several examples such as the record of vigorous growth of the Association, increased funding by the Federal government for diabetes research, the initiation of regional combined health care courses, and the launching of *Diabetes Care*.

Other 1977-78 activities worthy of note are the releases of ADA Position Statements on saccharin and recombinant DNA, the first annual meeting of the ADA President's Advisory Council, participation in the first meeting of the National Diabetes Advisory Board, and the four exclusive benefit concerts performed by Wayne Newton, raising over a quarter of a million dollars in funds to forward ADA programs in research and patient and professional education.

Another exciting event of this period was the ADA New York Diabetes Affiliate's presentation of its first Diabetes Humanitarian Award to former U.S. President Gerald R. Ford. President Ford is also our 1978 Honorary National Campaign Chairman. As such he appeared in two new Public Service Announcements, and also filmed a personal greeting to attendees of the Central Council Meeting held in June in Boston.

All in all, this was a time of progress, a time of significance, a time of innovation, and a time of action!



Following the filming of Public Service Announcements in Chicago in May, Honorary National Campaign Chairman, Gerald R. Ford met with ADA Chairman of the Board Myles H. Tanenbaum; Executive Vice President John L. Dugan, Jr.; President Norbert Freinkel, M.D.; 12-year old Merry Theresa Fox, poster girl; and David S. Grier, President, ADA Northern Illinois Affiliate. On the same occasion, President Ford, on behalf of the Affiliate, accepted from Merry, a diabetic, a \$5,200 check from the Harry H. Wolf Foundation of Chicago.



Donnell D. Etzwiler, M.D., Past President, participated in the first meeting of the National Diabetes Advisory Board in March of 1977. At the right is Representative James Martin of North Carolina, one of the earliest, most outspoken opponents of the saccharin ban.



Dr. Rosalyn S. Yalow, one of the recipients of the 1977 Nobel Prize in Physiology or Medicine, was honored on January 27, 1978 by the American Diabetes Association with its highest scientific award, the Banting Medal. An ADA research fellowship was also named after Dr. Yalow. ADA President Norbert Freinkel, M.D., is at left. Chairman of the Board Myles H. Tanenbaum, at right.



Former President Ford accepts the first ADA New York Diabetes Affiliate's Humanitarian Award from a smiling Douglas Fairbanks, Jr. at a banquet held in May at the New York Waldorf-Astoria Hotel.

Dr. Charles H. Best—1899-1978

The most tragic event for the diabetic community in the period covered by this report was the death of Charles H. Best, M.D. on March 31, 1978 in Toronto, Canada.

Dr. Best and Dr. Frederick Banting discovered insulin in 1921, which has since enabled millions and millions of diabetics to lead longer, normal, productive lives.

Dr. Best, who retired from active research in 1967, served as Director Emeritus of the Department of Medical Research and Physiology of the Banting and Best Institute of the University of Toronto. He continued to travel and lecture all over the world in recent years.

He was also Past President and Honorary President of the American Diabetes Association until his death. In addition, he was Honorary President of the International Diabetes Federation, and held similar posts in 41 national diabetes foundations.

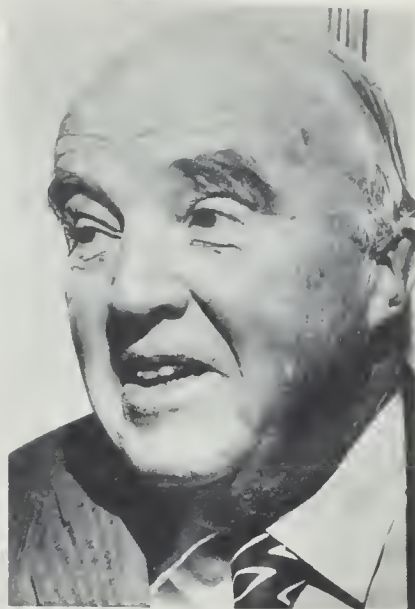
When asked by an interviewer looking back to those pre-insulin days, "What was the general outlook for a diabetic in those days?" Dr. Best replied, "Well, the children always died within a year, perhaps weeks."

No other living man was in a better position to answer such a question. Charles H. Best, CC., C.B.E., M.D., D.Sc., LL.D., F.R.S.C., F.R.C.P., F.R.C.P.C., KLJ, F.R.S., and holder of a stunning number of awards and honors was introduced in the autumn of 1920 to Dr. Frederick Banting who had an idea on the problem of diabetes. Banting was 29 at the time and Dr. Best was 21. They were given a modest laboratory to work in. Then, without stipend or any other assistance, they went to work and began experimenting with diabetic dogs.

Within two months they had found a way to prepare active extracts of insulin. Dr. Banting and Dr. Best reported their discovery to the University of Toronto staff and graduate students without exciting too much interest. However, news of the report leaked out, and a newspaper story resulted in a deluge of letters and visits to the University.

On January 11, 1922, the first human patient was treated. A 15-year-old diabetic boy with only a short time to live received treatment. He lived for 15 years, dying then in a motorcycle accident.

Since then, untold millions of diabetics have benefited from the breakthrough discovery of Dr. Banting and Dr. Best.



Dr. Banting, together with Professor J.J.R. MacLeod of the University of Toronto (who had brought the two together) received the Nobel Prize in medical research in 1923. Dr. Banting shared his part of the Prize with Dr. Best.

Dr. Best went on to continue his medical course. After their success, and even while he was in school, he was appointed chief of the Insulin Division of the Connaught Laboratories. Evidence of his brilliance was his appointment, five years after graduation with his B.A., M.A. and medical degree, to head the University of Toronto Department of Physiology.

In 1924, he married Margaret Mahon who worked as an encouraging force with the two young scientists. Dr. Best was to say later, "Margaret was the only person, other than the two scientists, who knew the progress of the insulin investigations from day to day."

Dr. Best was co-author, with Dr. Banting, of the original publication on insulin, *The Internal Secretion of the Pancreas*. He was also co-author (with N.B. Taylor) of an advanced textbook on physiology, *The Physiological Basis of Medical Practice*, and two elementary texts on physiology, *The Human Body* and *The Living Body*.

The significance of the accomplishments and career of Dr. Best were perhaps best summed up for many of us by President Norbert Freinkel, M.D. when he said, "Some of the greatness of the 20th Century has gone out of our world with the passing of Dr. Charles H. Best. . . . Dr. Best translated science into terms that the whole world could understand, and into dimensions of service that ennobled all our efforts. Dr. Best was a beacon of civilization, typifying the true goals of science and medicine—improving and saving human lives."

BUILDING TOGETHER through Legislative Action

The Association's legislative activities on both the national and the Affiliate level expanded dramatically in 1977. Encouraged by the Congressional response to the National Commission on Diabetes "Long Range Plan to Combat Diabetes," officers of the ADA testified before Congressional Appropriations Committees in support of continued increases in Federal appropriations for diabetes research. Affiliates and their members strongly indicated their views to their Senators and Congressmen through personal visits, telephone calls and letters, leading to an appropriations bill in 1977 which increased the government's diabetes support from \$75.6 million to \$107.5 million. This 42% increase in the government's commitment to the problems of diabetes resulted in much needed additional support for the country's diabetes researchers.

THE POSITION STATEMENT ON SACCHARIN

The legislative issue that created the most dramatic impact on the members of ADA in 1977 was the government's decision to remove saccharin from the market. Washington was immediately deluged by an average of up to 1,000 letters a day. This is more than the Federal officials received at the time of the invasion of Cambodia or the shootings at Kent State. According to the government's calculations, 70% of these letters were from diabetics, who responded swiftly to the ADA position statement which urged that no action be taken until further scientific studies had been carried out. Medical and lay leaders of the Association testified at Congressional hearings in support of this position.

Because of these efforts by ADA volunteers, Congress passed a bill creating an 18-month moratorium on the banning of saccharin until additional scientific studies had been carried out. Members of ADA's Professional Section were called upon by the government immediately to take part in these new investigations.

THE NATIONAL DIABETES ADVISORY BOARD

The members of the National Diabetes Advisory Board (established in 1976 by Congress in response to a recommendation of the National Commission) were named in February, 1977. Of the Board's 12 non-government members, eight are members of ADA, and seven of these have served on the national Association's Board of Directors. At their first meeting, David M. Kipnis, M.D., Editor of the Association's prestigious *Journal DIABETES*, was elected Chairman of the Advisory Board.

The National Diabetes Advisory Board is responsible for monitoring the implementation of the Commission's Plan, and for suggesting any necessary modifications. To carry out part of this charge, the Advisory Board requested the assistance of leading members of the Association in establishing the National Diabetes Information and Education Clearinghouse and the National Diabetes Data Group.

The Federal government again acknowledged the leadership position of the ADA's national Professional

Section when scientific expertise was needed in relation to the withdrawal of phenformin, one of the oral agents used in the control of diabetes. ADA representatives were appointed to work with HEW and drug manufacturers in establishing an appropriate educational campaign for physicians and patients.

DIABETES RESEARCH AND TRAINING CENTERS

The first Diabetes Research and Training Centers were funded in 1977. These centers were authorized by Congress in 1974 to expand the search for and the application of new knowledge related to diabetes. Funding for these Centers was one of the reasons ADA members worked so diligently to increase the Federal diabetes effort. Three additional Centers were awarded by the National Institutes of Health in 1978. The eight Centers, each of which will receive funding for a three- or five-year period, are: Albert Einstein College of Medicine and Montefiore Hospital and Medical Center, New York City; University of Chicago; Indiana University, Indianapolis; Joslin Diabetes Foundation, Boston; University of Michigan, Ann Arbor; University of Virginia, Charlottesville; Vanderbilt University, Nashville; and Washington University, St. Louis.

The ADA Affiliates located in the same areas as these Centers are actively engaged in cooperative efforts and programs to help carry out the mission of the Centers.

OUTSTANDING ACTION BY MEMBERS OF CONGRESS

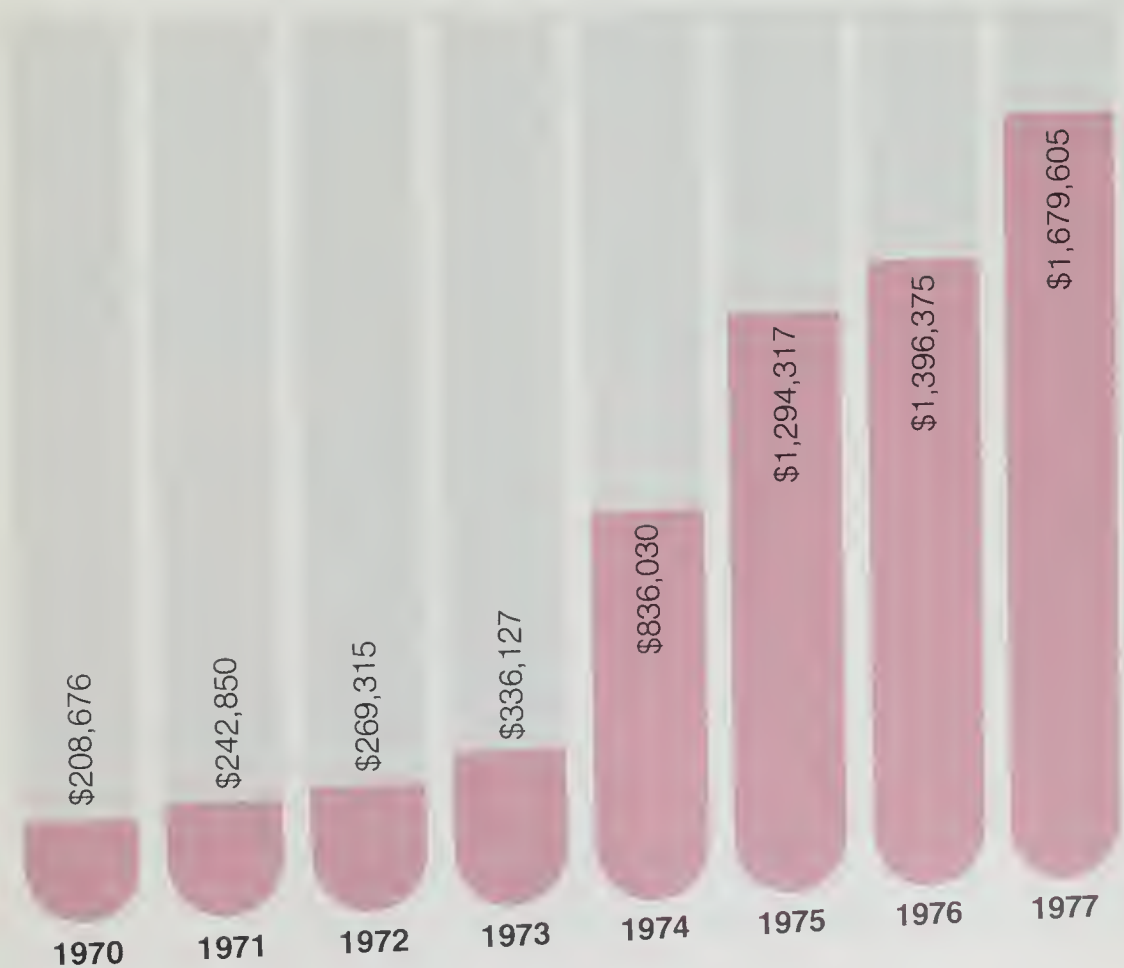
Although thousands of dedicated ADA volunteers and their families participated in these exciting activities in 1977, special mention must be given to some of those members of Congress who have championed the cause of diabetes. They have been responsible for guiding ADA and leading the diabetes-related legislation to successful conclusions.

Congressman Louis Stokes of Ohio received the Dr. Charles H. Best Award in 1977 for his outstanding contributions to the cause of diabetes. Rep. Stokes, a member of the House Appropriations Committee, has been a tireless advocate of increased Federal appropriations for the diabetes effort. Senator Richard S. Schweiker of Pennsylvania (who received the Best Award in 1974) continues to be one of the best friends the American Diabetes Association has ever had. Rep. Tim Lee Carter of Kentucky, a member of the ADA national Board of Directors, has provided guidance and expertise made even more valuable by the fact that he is a respected physician member of Congress. Senator Edward M. Kennedy of Massachusetts and Congressman Paul Rogers of Florida, as Chairmen of the subcommittees dealing with health legislation, have been sympathetic and understanding allies. Rep. Daniel Flood of Pennsylvania and Senator Warren G. Magnuson of Washington, Chairmen of the health appropriations subcommittees, are knowledgeable and supportive of the aims of the American Diabetes Association. Many other Federal legislators have also offered great assistance to the cause of diabetes, and their efforts are applauded by all members of the diabetes community.

BUILDING TOGETHER through Research

The American Diabetes Association is committed to continued increases in its annual research expenditures, despite the recent impressive and welcome increases in Federal expenditures for diabetes research. As the "junior partner" to the Federal government, the Association sees its role as filling the gaps not covered by the government's programs.

Our research expenditures continue to rise dramatically. In 1977, the Association spent \$1,679,605 at the national and Affiliate levels for research, the largest contribution to diabetes research by any voluntary health agency in the United States. It continues an exciting pattern of recent growth and affirms ADA's commitment to research.



Among the most rewarding recent research accomplishments throughout the country are:

- Breakthroughs in the attempts to induce bacterial synthesis of mammalian hormones. This area of recombinant DNA research has resulted in scientists' ability to take the element of DNA responsible for insulin synthesis in man, and insert this "insulin gene" into the DNA of bacteria. The result could be bacteria capable of producing large amounts of insulin for human use. The American Diabetes Association contributed to the funding of this research.

- Development of better and quicker methods of measuring glycosylated hemoglobin (Hgb A_{1c}) and applying these methods more broadly across the country. It is currently believed that the level of Hgb A_{1c} can provide an additional means of assessing metabolic control of diabetes. The American Diabetes Association contributed to the funding of Hgb A_{1c} research, and co-sponsored, with the National Institute of Arthritis, Metabolism and Digestive Diseases, an international workshop on "Biochemistry and Physiology of Glycosylated Hemoglobins."

- Evaluation of the Diabetic Retinopathy Study continues to show the effectiveness of photocoagulation treatment on certain stages of diabetic retinopathy. A report of these continuing trials given by the Director of the National Eye Institute was one of the highlights of the American Diabetes Association's Fifteenth Research Symposium, held at the National Institutes of Health in 1977.

These are just a few sample areas of the vigorous research into the cause of diabetes and its complications, and the search for a cure, being funded by the American Diabetes Association. Other research activities conducted by the Association include scientific symposia to bring together scientists, clinicians, and academicians to discuss and evaluate new concepts and approaches to the many facets of the diabetes problem. In addition to the 15th Research Symposium, the Association's 37th Annual Meeting Scientific Sessions in St. Louis attracted a record-breaking attendance of 1,300 international registrants. Boston was the site of the 38th Annual Meeting Scientific Sessions with an even higher registration of 1,600.

The research support of the American Diabetes Association is dependent upon public and private support. Through the ever-increasing contributions received for research, the American Diabetes Association funds four basic types of programs:

1. Five-year Established Investigatorships are awarded by the national Association to senior scientists each year. These awards are designed to foster maximal research productivity by scientists of outstanding and recognized ability by providing the means to permit them to devote full time to diabetes

research. Each investigator receives \$37,000 annually for salary and laboratory support. The current Established Investigators are:

WILLIAM L. CHICK, M.D., Research Associate, Elliott P. Joslin Research Laboratory, Associate Professor of Medicine, Harvard Medical School, Boston

PHILIP FELIG, M.D., Professor of Medicine, Vice Chairman of the Department of Internal Medicine, and Director, Clinical Research Center, Yale University School of Medicine, New Haven.

LEONARD S. JEFFERSON, Jr., Ph.D., Professor of Physiology, The Milton S. Hershey Medical Center, The Pennsylvania State University, Hershey.

JOSEPH LARNER, M.D., Professor and Chairman, Department of Pharmacology, University of Virginia School of Medicine, Charlottesville.

FRANZ M. MATSCHINSKY, M.D., Professor of Pharmacology, Biochemistry and Biophysics, University of Pennsylvania School of Medicine, Philadelphia

ARTHUR H. RUBENSTEIN, M.D., Professor of Medicine, The University of Chicago.

2. Research and Development Awards, and other fellowships on the Affiliate level, are specifically aimed at younger investigators who have shown exceptional promise in diabetes research. If the community of diabetes researchers is to continue to grow, special efforts must be taken to ensure the availability of well-trained investigators. The Research and Development Awards provide salary support for one or two years to help young scientists make the transition to the level of established investigators, and devote their careers to the study of diabetes. The following fellowships were granted for the 1977-1978 academic year:

JOHN M. AMATRUDA, M.D.
University of Rochester

ALAN D. CHERRINGTON, Ph.D.
Vanderbilt University School of Medicine

JAMES C. GARRISON, II, Ph.D.
University of Virginia

CHRIS HECKEMEYER, M.D.
University of Tennessee Center for the Health Sciences and Veterans Administration Hospital

DAVID B. JARRETT, M.D.
Diabetes Branch, National Institutes of Health

ROBERT C. McEVOY, M.D.
University of Minnesota School of Medicine

BRUCE A. LARSON, M.D.
Scripps Clinic and Research Foundation

RICHARD E. OSTLUND, Jr., M.D.
Washington University School of Medicine

LAWRENCE PHILLIPS, M.D.
Northwestern University Medical School

BARBARA N. SCHAFFER, Ph.D.
The University of Chicago

ROBERT S. SCHWARTZ, M.D.
University of Washington

VIJAY R. SOMAN, M.D.
Yale University School of Medicine
VICTOR J. STEVENS, Ph.D.
The Rockefeller University
HARRY WEISMAN, M.D.
University of California, Los Angeles
PHILLIP L. WERNER, M.D.
University of Washington
LEE A. WITTERS, M.D.
Massachusetts General Hospital

3. Research Grants provide funds for equipment, supplies, or technical assistance needed by an investigator carrying out diabetes-related research. Although the 104 Grants awarded in 1977 range from levels of \$23,000 to \$2,985, most Grants fall in the range of \$15,000 to \$8,000. The National Research Program, and programs of some of the Affiliates, resulted in funding of the following exciting and productive areas of diabetes research:

ANIMAL MODELS OF DIABETES

Edward A. Benson, M.D.
Virginia Mason Research Center
Sekoke—A New Animal Model of Diabetes Mellitus
John W. Kramer, D.V.M., Ph.D.
Washington State University
A New Animal Model of Diabetes Mellitus

ARTIFICIAL PANCREAS

Samuel P. Bessman, M.D.
University of Southern California
Studies to Program the Artificial Implantable Beta Cell
Julio V. Santiago, M.D.
Washington University School of Medicine
Studies with an Artificial Endocrine Pancreas in Diabetes
Charles H. Read, M.D.
University Hospitals, Iowa City
The Development of an Artificial Endocrine Pancreas
Donna J. Koerker, Ph.D.
University of Washington
Establishment of Glucose Clamp Methodology

CATECHOLAMINES

Jerome M. Feldman, M.D.
Duke University
The Role of Pancreatic Islet Monoamines in Diabetes Mellitus
Phillip E. Cryer, M.D.
Washington University School of Medicine
Adrenergic Pathophysiology in Diabetes and Hypoglycemia in Man
Adela Weinstein, Ph.D.
University of Washington
Catecholamine Radioimmunoassay

CELL CULTURE STUDIES

K. John Morrow, Ph.D.
Texas Tech University, Lubbock, Texas
Somatic Cell Hybridization in Treatment of Diabetes

Elliot J. Rayfield, M.D.
Yoshiko Seto, Ph.D.
Mt. Sinai School of Medicine
In Vitro Studies of Virus-Induced Diabetes

DIABETES AND PREGNANCY

Roy J. Martin, Ph.D.
Pennsylvania State University
Fetal Development and Metabolism in Diabetic Pregnancies
John T. Hayford, Jr., M.D.
University Hospitals, Iowa City
Hypoglycemia in Infants of Diabetic Mothers

DIABETIC NEUROPATHY

William R. Kennedy, M.D.
University of Minnesota
Study of Peripheral Nerve and Muscle Spindles of the Diabetic Chinese Hamster, of Muscle Spindles from Humans with Diabetic Neuropathy
Virginia Seybold, Ph.D.
Robert P. Elde, Ph.D.
University of Minnesota
Somatostatin Containing Primary Afferent Neurons in Diabetic Neuropathy
Norton Spritz, M.D.
Veterans Administration Hospital, New York, N.Y.
Metabolism of Peripheral Nerve Myelin in Experimental Diabetes

DIABETIC RETINOPATHY

G. Perry Speros, Ph.D.
Texas Tech University School of Medicine
Lubbock, Texas
Electroretinographic Studies in Diabetic Retinopathy
Chung-Ho Chen, Ph.D.
The Johns Hopkins University
Diabetic Retinopathy: Studies on an Experimental Model of Proliferative Retinopathy

EFFECT OF VARIOUS HORMONES ON INSULIN SECRETION

J.A. Parsons, Ph.D.
S.L. Erlandsen, Ph.D.
University of Minnesota
Induction of Monohormonal Secreting Pituitary Tumors for Studying the Effects of Growth Hormone and/or Prolactin on the Gastro-enteropancreatic Endocrine Cell Systems of Normal and Diabetic Animals
Howard M. Klitgaard, Ph.D.
Medical College of Wisconsin
Thyroid Function and Growth Factors in Diabetes
Barry H. Ginsberg, M.D., Ph.D.
University of Iowa
Radioimmunoassay Measurements of the Somatomedins in Diabetes Mellitus
Robert H. Williams, M.D.
University of Washington
Gastric Inhibitory Polypeptide
Phillip H. Smith, Ph.D.
Veterans Administration Hospital, Seattle
Hypothalamic Regulation of Pancreatic Islet Mass

William Lake, Ph.D.
Northwestern University Medical School
Effect of Insulin Secretagogues Upon the Intracellular Inorganic Phosphate Content and P_{32} Influx into Isolated Pancreatic Islets

Philip Raskin, M.D.
University of Texas Health Science Center
Dallas, Texas
Hyperglucogonemia in Diabetes: Primary or Secondary?

L. Arthur Campfield, Ph.D.
University of California, Los Angeles
Neural Regulation of Insulin Secretion in Experimental Diabetes and Obesity

David G. Johnson, M.D.
University of Washington
Hormonal Control of Pancreatic Endocrine Function

Rafi Younoszai, Ph.D.
University of Minnesota
Effect of Gut Cytotrophic Factors on Insulin Secretion by Islets Isolated from Sucrose Fed Protein-deficient Rats
Seymour R. Levin, M.D.
Wadsworth VA Hospital
Characterization of the Intestinal Substances which Enhance Insulin Secretion: Studies in the Isolated Perfused Rat Intestine and in the Isolated Perfused Rat Pancreas

Roger L. Nelson, M.D.
Mayo Medical School
The Role of the Autonomic Nervous System in the Response of Gastric Inhibitory Polypeptide (GIP) to Hypoglycemia

Ronald W. Tatum, M.D.
Albuquerque, New Mexico
Comparison of Androstenedione levels in Indian and non-Indian female Diabetics and Non-Diabetics

HEMOGLOBIN A_{1C}

Maria G. Buse, M.D.
Medical University of South Carolina
Measurement of Hemoglobin A_{1c} by Isoelectric Focusing; Physiological and Clinical Applications

Donald E. McMillan, M.D.
Sansum Medical Research Foundation
Viscous Properties on Hemoglobin A_{1c} in Diabetes

IMMUNOLOGIC AND IMMUNOGENETIC STUDIES

Gerald J. Bargman, M.D.
University of Wisconsin
T-Suppressor Cell Function in Juvenile Onset Diabetes Mellitus

Richard A. Gatti, M.D.
Cedars-Sinai Medical Center, California
HLA-D Typing of Juvenile Diabetes Mellitus Patients

Michele Barg, Ph.D.
University of California, Irvine
Effect of Diabetes on Delayed-Type Hypersensitivity

Bruce S. Rabin, M.D., Ph.D.
University of Pittsburgh
Immunopathology of Juvenile Onset Diabetes Mellitus

Richard P. Doe, M.D.
Veterans Administration Hospital, Minnesota
Autoimmune Studies in Kindreds with an Increased Incidence of Diabetes Mellitus

Barry S. Handwerger, M.D.
University of Minnesota
The Immune System in Diabetes Mellitus

Adina Zeidler, M.D.
University of Southern California
Significance of Pancreatic Islet Cell Antibodies in Diabetes Mellitus

Yoko S. Mullen, M.D., Ph.D.
University of California, Los Angeles
Specific Immunotherapy for Reversal of Diabetes by Fetal Pancreas Allografts

Joan A. Stratton, Ph.D.
Harbor General Hospital, California
Juvenile Diabetes Mellitus: An Autoimmune Disease?

IMPACT OF CONTROL

Thomas F. McNamara, Ph.D.
State University of New York at Stony Brook
The Effect of Experimental Diabetes on (1) the Pathogenicity of the Oral Microflora and (2) Periodontal Breakdown in Germfree Animals

Jerome A. Grunt, M.D., Ph.D.
University of Missouri
Kansas City School of Medicine
Effect of Control in Patients with Juvenile Diabetes Mellitus

Mark V. Dahl, M.D.
University of Minnesota
Monocyte Function in Patients with Necrobiotic Granulomatous Diseases

INSULIN EFFECTS ON ADIPOSE TISSUE

Daniel Steinberg, M.D., Ph.D.
University of California, San Diego
Mechanism of Insulin Action in Adipose Tissue

Ahmed H. Kissebah, M.D., Ph.D.
Medical College of Wisconsin
Insulin Regulation of Adipocyte Lipoprotein Lipase; Biochemical Basis of Insulin Resistance

F. Xavier Pi-Sunyer, M.D.
St. Luke's Hospital Center, New York, N.Y.
Relationship Between Lipogenesis and Glucose Utilization in Rat Adipocytes

INSULIN RECEPTOR STUDIES

Jeffrey S. Flier, M.D.
Leonard C. Harrison, M.D.
Diabetes Branch, NIAMDD
National Institutes of Health
Purification of the Insulin Receptor using Antibodies to the Insulin Receptor: Application to further Studies of Receptor Structure, Function and Pathology

Barry H. Ginsberg, M.D., Ph.D.
University of Iowa
Insulin Receptors during In Vitro Differentiation

Robert S. Bar, M.D.
University Hospitals, Iowa City
Insulin Receptors and Insulin Modulated Immune Function

Jerry P. Palmer, M.D.
University of Washington
Alpha & Beta Cell Glucoreceptor Studies in Diabetics

Mohan K. Raizada, Ph.D.
University Hospitals, Iowa City
Insulin and Glucagon Receptors in Diabetes Mellitus
Carole J. Bradley, M.D.
Juanita A. Archer, M.D.
Howard University
Human Fetal Islets of Langerhans: Culture, Membrane Insulin Receptors, and Cryopreservation
Solomon A. Kaplan, M.D.
University of California, Los Angeles
Insulin Receptors in Juvenile Diabetes Mellitus

Larry Gordon, Ph.D.
Scripps Clinic and Research Foundation
Studies on the Structure and Function of Normal and Diabetic Plasma Membranes
Joseph D. Brown, M.D.
University Hospitals, Iowa City
Effects of Sulfonylureas on Insulin Binding

INTERMEDIATE METABOLISM

Robert B. Ramsey, M.D.
St. Louis University School of Medicine
Utilization of Acetoacetate by the Developing Brain of Normal and Diabetic Rats
Fred H. Faas, M.D.
Veterans Administration Hospital
Little Rock, Arkansas
Fatty Acid Desaturation and Cytochrome P-450 Oxidation Reactions in Diabetes Mellitus
Kim I. Timmers, Ph.D.
Mt. Sinai School of Medicine
Phosphofructokinase Activity, Serum Factors, and Insulin-Sensitivity in Human Adipose Tissue
M. Michael Appleman, Ph.D.
University of Southern California
Insulin-Enzyme Interactions in Muscle
Carl L. Tipton, Ph.D.
Iowa State University
Inhibition of Glucose Transport by Ophiobolin A

ISLET FUNCTION AND REGULATION

M. Alan Permutt, M.D.
Washington University School of Medicine
Pancreatic Islet Messenger RNA
Paul M. Beigelman, M.D.
University of Southern California
Islet Electrical Potential Project
Paul M. Beigelman, M.D.
University of Southern California
Effects of Glucose on B-Cell Electrical Activity
Ronald K. Kalkhoff, M.D.
Medical College of Wisconsin
Pancreatic Islet Phasic Hormonal Secretion and Trace Elements
Byron J. Hoogwerf, M.D.
University of Minnesota
Human Beta-Cell Function as Measured by Urinary C-peptide Excretion: Development of a Simple Test for Pancreatic Insulin Reserve for Genetic Studies of Diabetes

Hue-Lee Cheng Kaung, Ph.D.
University of Minnesota
*Morphogenesis of Islets of Langerhans in frog, *Rana pipiens**
Peter Sherline, M.D.
University of Connecticut
Microtubules and the Mechanism of Insulin Secretion
Richard E. Ostlund, Jr., M.D.
Washington University School of Medicine
Microfilaments and Insulin Secretion

ISLET TRANSPLANTATION

Richard L. Simmons, M.D.
University of Minnesota
Allogenic Transplantation of Pancreatic Islets
William D. Payne, M.D.
University of Minnesota
DL-Ethionine Treatment of Donors Prior to Transplantation of Dispersed Pancreatic Tissue in a Large Animal Model of Diabetes—The Pancreatectomized Dog
David Sutherland, M.D.
University of Minnesota
Isolation and Transplantation of Pancreatic Islets
Padmakar K. Dixit, M.D.
Jane E. Michels
University of Minnesota
A Study to Determine the Possibility of Reversal of Diabetes in Rats by Inducing "Regeneration" of Beta Cells
Folkert O. Belzer, M.D.
University of Wisconsin
Culture and Transplantation of Pancreatic Islet Cells
Orion D. Hegre, Ph.D.
Robert McEvoy, M.D.
University of Minnesota
Studies on the Growth and Differentiation of Rat Pancreas in Vitro with Subsequent Transplantation to Alloxan Diabetic Hosts
Richard M. Dickerman, M.D.
University of Texas Health Science Center
Dallas, Texas
The Timing of Pancreatic Transplantation in Diabetes

LIPID METABOLISM

William Virgil Brown, M.D.
University of California, San Diego
Turnover of Plasma Triglyceride and Apoprotein-B in Very Low Density Lipoprotein of Subjects with Diabetes Mellitus

MICROANGIOPATHY

James F. Marks, M.D.
University of Texas Health Science Center
Dallas, Texas
Microvascular Disease in Relation to Diabetes Mellitus
Vernon E. Fischer, Ph.D.
St. Louis University School of Medicine
Cardiac Microvascular Ultrastructure in Human and Experimentally-induced Diabetes Mellitus
Richard Guthrie, M.D.
University of Kansas
Muscle Biopsy

Jon I. Scheinman, M.D.
University of Minnesota
Smooth Muscle Proteins in Diabetic Vascular Disease

Kay E. Sarji, Ph.D.
Medical University of South Carolina
Platelets, Vitamin C, and Prostaglandins

Wilfred Y. Fujimoto, M.D.
University of Washington
Cell Culture Study of Diabetes Mellitus

Joseph R. Williamson, M.D.
Washington University School of Medicine
Immunofluorescent Studies of the Microcirculation in Diabetes

Judith A. Berliner, Ph.D.
University of California, Los Angeles
Insulin Effects on Endothelial Cells in Vitro

David E. Haft, M.D.
New York Medical College
Renal and Retinal Collagen Turnover in Diabetic Rats

J.M.B. Bloodworth, Jr., M.D.
University of Wisconsin
Diabetic Microangiopathy

Michael W. Steffes, M.D.
S. Michael Mauer, M.D.
David M. Brown, M.D.
University of Minnesota
The Absolute and Relative Volume of the Glomerulus and its Constituents in Diabetes Prior to and following Islet Transplantation

NUTRITIONAL FACTORS AND DIABETES

John D. Fernstrom, Ph.D.
Massachusetts Institute of Technology
Effect of Diabetes and Obesity on Brain Serotonin and Food Choice in Rats

John A. Milner, Ph.D.
University of Illinois
To Determine if Dietary Arginine or Some Other Component is Required in Greater Quantities for Proper Elimination of Protein and Amino Acid By-products

Bruce S. Chertow, M.D.
University of Illinois Hospital
The Role of Vitamin A in Hormone Secretion

Holbrooke S. Seltzer, M.D.
Veterans Administration Hospital, Dallas, Texas
Effect of Cellular Ion Deficits on Diabetic Control

REGULATION OF HEPATIC (LIVER) GLUCOSE PRODUCTION

Josiah Brown, M.D.
University of California, Los Angeles
(1) Reversal to Normal of Liver Enzyme Activities in Diabetic Rats by Transplantation of Fetal Pancreases (2) Staging of Human Fetal Pancreases

Kenneth H. Ibsen, Ph.D.
University of California, Irvine
Elucidation of the Mechanisms Responsible for the Insulin Induction and Glucagon Repression of Hepatic Pyruvate Kinase Activity

Michael J. MacDonald, M.D.
University of Wisconsin
Metal Ion Activation of Phosphoenolpyruvate Carboxykinase in Diabetes

Thomas H. Claus, Ph.D.
Vanderbilt University School of Medicine
Hormonal Control of Hepatic Gluconeogenesis

Daryl K. Granner, M.D.
University Hospitals, Iowa City
Gluconeogenic Regulatory Mechanisms in Cultured Cells

Shreepad R. Wagle, Ph.D.
Indiana University School of Medicine
Studies on Experimental Diabetes in Isolated Hepatocytes

John Regan, M.D.
Frank Nuttall, M.D.
Veterans Administration Hospital, Minnesota
Enzymatic Level of Action of Epinephrine and Alpha and Beta Receptor Agonists in the Glycogenolytic Pathway in the Rat Liver

Dennis Doorneweerd, M.D.
Frank Nuttall, M.D.
Veterans Administration Hospital, Minnesota
Purification of Liver Phosphorylase Kinase and the Study of its Role in Glycogen Metabolism

Mayer B. Davidson, M.D.
University of California, Los Angeles
Mechanism of Autoregulation of Hepatic Glucose Balance

William M. Pardridge, M.D.
University of California, Los Angeles
Muscle Amino Acid Metabolism and Hepatic Gluconeogenesis

Dinesh Kumar, M.D.
University of Southern California
The Interaction of Insulin with Hepatocytes Derived from Diabetic Rats

Natalie S. Cohen, Ph.D.
University of Southern California
The Role of the Sodium-Potassium Adenosinetriphosphatase in the Response of Hepatic Cells to Insulin

William M. Pardridge, M.D.
University of California, Los Angeles
Regulation of Hepatic Glucose Production

SOMATOSTATIN

Lorentz E. Wittmers, Ph.D.
Edwin W. Haller, Ph.D.
Gerald R. Cizadlo, Ph.D.
University of Minnesota
Somatostatin in Genetically Determined Obesity Associated with Diabetes

Aubrey E. Boyd, III, M.D.
Baylor College of Medicine
Somatostatin Secretion in Diabetes

Robert. P. Elde, Ph.D.
University of Minnesota
Secretion Control of Pancreatic Somatostatin

4. Additional research support is given by some affiliates to undergraduate and graduate students for research projects or as fellowship stipends, and to researchers as small grants-in-aid. The following nineteen recipients were selected in 1977:

RICHARD ADAMICK

University of Illinois

The Effect of Induced Hyperosmolar State with and without Hybernemia on Insulin Secretion in the Intact Rat

DAVID BARON

Northwestern University Medical School

The Effect of Diabetes Mellitus on Hepatic Somatomedin Release

DAVID BALDWIN, Jr.

Rush Medical College

Application of Immunohistological Techniques to Localize Gastrin Cells in Rat Pancreas

RONALD E. BOKULIC

University of Tennessee Center for the Health Sciences

Isolation of Islets of Langerhans from Human Pancreata and their use in Biochemical and Immunological Studies

ROBERT G. BRODOWS, M.D.

Genesee Hospital, Rochester, N.Y.

Studies on the Role of the Parasympathetic Nervous System and Pancreatic Biogenic Amines in Controlling Insulin Secretion During Starvation

CHHAYA CHAKRABARTI, M.D.

Downstate Medical Center, State University of New York

Alpha and Beta Cell Function in Juvenile Chemical Diabetes and Juvenile Diabetes Mellitus

SUSAN B. DOUGHERTRY

University of Rochester

The Effect of Diabetes and Insulin on Renal Phospholipid Metabolism

BRIAN M. FRIER, M.B., Ch.B.

Cornell University Medical College

The Effect of Residual Insulin Secretion on Exocrine Pancreatic Function in Juvenile-Onset Diabetes Mellitus

V. S. GANDHI, M.D.

Jewish Hospital and Medical Center of Brooklyn

In Vitro Formation of Fast Hemoglobin (Hb A1c)

BARRY S. GOLDSTEIN

University of Rochester

Insulin Action and the Control of Glucose Transport in Fat Cells

JOHN GREEN

Cornell University Medical College

Platelet Abnormalities in Diabetes Mellitus

R. PAUL MILLER, M.D.

St. Mary's Hospital, Rochester, NY

Insulin Stimulation of Synthesis and Secretion of Chondrocyte Proteoglycans

JONATHAN MINES

Veterans Administration Hospital, Brooklyn

Study Concerning Susceptibility to Diabetogenic Agents in Rats Fed a High-Protein Diet

VIVIAN PALOYAN

Carleton College

Submaxillary Gland Glucagon-like Immunoreactivity: The Effect of Age and Extirpation of these Glands on Growth, Sexual Maturity and Carbohydrate Metabolism

CARL JONES

University of Illinois

Delta Cell Development of Fetal Rats and Correlation with Parameters of Diabetic State in the Mother

MORDECAI KLEIN

Yeshiva University

Relation of Serum Cholesterol and Triglycerides to Parameters of Diabetic Control

KIM RAYUNEC

University of Illinois

The Effects of Vitamin A Deficiency and Treatment with Vitamin A on the Solubilization and Release of Insulin from Rat Islet Secretion Granules

ANTHONY L. SUCHMAN

Cornell University Medical College

An In Vitro Model for Basement Membrane Thickening of Diabetic Microangiopathy

DEAN A. THOMPSON, M.D.

Monroe Community Hospital, Rochester, NY

Thirst and Water Intake During Intracellular Glucopenia

The Selection of Research Recipients

Applications for research support from the national Association are reviewed by an outstanding panel. Although the members of the Association's Committee on Research have always been among the most prestigious scientific authorities in the country, two innovations in the composition of the 1977-78 Committee are worthy of mention. To ensure the broadest possible geographic representation on the Committee, guidelines were established to appoint a certain number of members from each of the regions of the country. In addition, to see that the interests of our lay members are well represented during the Committee's deliberations, three nonphysician members of the national Board of Directors have been appointed to serve with the distinguished scientists:

GEROLD M. GRODSKY, Ph.D., *Chairman*—Professor of Biochemistry, University of California, San Francisco.

CHARLES J. GOODNER, M.D., *Vice Chairman*—Professor of Medicine, University of Washington School of Medicine, Seattle.

SHELDON J. BLEICHER, M.D.—Professor of Medicine, Downstate Medical Center, State University of New York, Brooklyn.

MARIA G. BUSE, M.D.—Professor of Medicine and Biochemistry, Medical University of South Carolina, Charleston.

REX S. CLEMENTS, JR., M.D.—Associate Professor of Medicine and Director, Clinical Research Center, University of Alabama School of Medicine, Birmingham.

PAUL J. DAVIS, M.D.—Head, Endocrinology Division, Department of Medicine, State University of New York, Buffalo.

KENNETH H. GABBAY, M.D.—Associate Professor of Pediatrics, Harvard Medical School, Boston.

HARLAN HANSON—Member, Board of Directors, American Diabetes Association, Inc.; Vice President, Marketing, Thermo Serv, Division of Dart Industries, Minneapolis.

MRS. LINN HOOVER—Member, Board of Directors, American Diabetes Association, Inc.; President, Joan Hoover Interiors, Inc., Chevy Chase, Maryland.

LEONARD S. JEFFERSON, Ph.D.—Established Investigator of the American Diabetes Association; Professor of Physiology, The Milton H. Hershey Medical Center, The Pennsylvania State University, Hershey.

BERNARD R. LANDAU, M.D., Ph.D.—Professor of Medicine and Pharmacology, Case Western Reserve University School of Medicine, Cleveland.

JOSEPH LARNER, M.D.—Established Investigator of the American Diabetes Association; Professor and Chairman, Department of Pharmacology, University of Virginia School of Medicine, Charlottesville.

ANN M. LAWRENCE, M.D., Ph.D.—Professor of Medicine and Biochemistry, Loyola University Stritch School of Medicine, Hines, Illinois.

DEAN LOCKWOOD, M.D.—Professor of Medicine, University of Rochester School of Medicine, Rochester, New York.

FRANZ M. MATSCHINSKY, M.D.—Established Investigator of the American Diabetes Association; Professor of Pharmacology, Biochemistry and Physics, University of Pennsylvania School of Medicine, Philadelphia.

WENDELL MAYES, JR.—Member, Board of Directors, American Diabetes Association, Inc.; President, Wendell Mayes Stations, Austin, Texas.

J. DENIS MCGARRY, Ph.D.—Associate Professor of Internal Medicine and Biochemistry, University of Texas Southwestern Medical School at Dallas.

BOYD E. METZGER, M.D.—Professor of Medicine, Northwestern University Medical School, Chicago.

LEONA V. MILLER, M.D.—Associate Professor of Medicine, University of California, Irvine.

OLIVER E. OWEN, M.D.—Professor of Medicine, Temple University School of Medicine, Philadelphia.

PHILLIP L. POFFENBARGER, M.D.—Director, Division of Endocrinology and Metabolism and Director, Clinical Research Center, University of Texas Medical Branch, Galveston.

LILLIAN RECAN, M.D.—Professor of Medicine, Georgetown University School of Medicine; Medical Investigator, Veterans Administration Hospital, Washington, D.C.

JESSE ROTH, M.D.—Chief, Diabetes Branch, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda.

LESTER B. SALANS, M.D. (ex-officio)—Associate Director for Diabetes, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda.

MARK A. SPERLING, M.D.—Associate Professor, Pediatrics, University of California School of Medicine, Los Angeles.

PAUL E. LACY, M.D.—Chairman, Coordinating Committee for Scientific Activities, American Diabetes Association; Mallinckrodt Professor and Chairman, Department of Pathology, Washington University School of Medicine, St. Louis.

1977 Nobel Prize in Physiology or Medicine

Over the years, diabetes-related research has resulted in more Nobel Prizes than any other single disease-oriented area of scientific investigation. In 1977, the Nobel Prize in Physiology or Medicine was divided among three Americans: one half of the Prize was given to Dr. Rosalyn S. Yalow of the Bronx Veterans Administration Hospital, and the other half of the Prize was divided between Dr. Roger Guillemin and Dr. Andrew Schally.

Dr. Yalow, a long-time member of the American Diabetes Association, was honored for the work she and the late Dr. Solomon A. Berson accomplished more than twenty years ago in developing a very sensitive method to measure minute amounts of insulin and other hormones in the blood. Called the radioimmunoassay technique, this procedure has been essential in the expansion of knowledge about diabetes and other metabolic diseases.

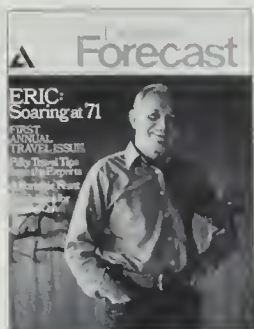
With the help of the radioimmunoassay technique, Dr. Guillemin and Dr. Schally, working independently,

have isolated and characterized substances from a portion of the brain. One of these substances, somatostatin, has now been identified in many parts of the body including the Islets of Langerhans, where it may importantly influence the interrelationship between glucagon and insulin secretion.

The immense value of Dr. Berson's and Dr. Yalow's work has long been recognized by their colleagues in the American Diabetes Association. In 1961, Dr. Yalow was awarded the Association's prestigious Lilly Award, which is presented annually to a researcher under the age of 40 for an outstanding contribution to research related to diabetes. Dr. Berson received the Lilly Award in 1957. The work of Dr. Yalow and Dr. Berson was further recognized by the Association in 1965, when Dr. Berson presented the Banting Lecture, the Association's highest scientific award, with Dr. Yalow as co-author.

Perhaps the best expression of the Association's feelings is contained in the closing portion of a congratulatory telegram sent to Dr. Yalow by Dr. Norbert Freinkel, President of the Association: "Your work has touched the life of every diabetic and we extend our congratulations with affection, pride, and profound gratitude."

BUILDING TOGETHER through Informative Publications



One of the most visible evidences of the Association's increasing momentum is in the expansion of our educational activities—both professional and patient—through our publications.

Diabetes: The Journal of the American Diabetes Association is edited by David M. Kipnis, M.D., St. Louis, and a most capable editorial staff. It is guided by a distinguished editorial board of prominent professionals. This prestigious monthly was created in 1942 and over the years has become the leading scientific publication for new discoveries in the field.

Diabetes Forecast was launched in 1948 to fulfill some of the educational needs of the diabetic patient. Reflecting the heightened interest in research developments, every issue of **Forecast** now carries information on some aspect of research. Under the direction of Leo P. Krall, M.D., a very effective editorial board and publications specialists, **Forecast** has climbed to a new circulation high of 125,000.

Diabetes Care, the Association's new bimonthly clinical journal, edited by Jay S. Skyler, M.D., began publication in 1978. It is devoted to that very special audience of diabetes educators and clinicians, and is aimed at improving the care of patients with diabetes.

Diabetes Forecast offers another valuable service to readers. Reprints of articles of widespread and lasting interest, which have appeared in its pages, may be obtained in single or multiple copies at nominal cost from the publication.

BUILDING TOGETHER through Bequests and Memorials

BEQUESTS:

It is very likely you are reading this Report because you have a sense of involvement with the diabetes community, or are simply a compassionate individual concerned about your fellowman.

Among the most enduring ways in which you can serve the needs of the Association, and help bring closer that day when no one need fear diabetes any longer, is giving by bequest.

It is not a complex procedure. In fact, the suggested wording for making a bequest to the Association is quite simple, as this suggested wording shows:

"I hereby give and bequeath to the American Diabetes Association, Inc., a corporation organized under the laws of the State of Ohio, and having its principal offices at 600 Fifth Avenue, New York, New York 10020. . . ."

That wording is for the general utilization of the bequest by the Association. Should you wish your bequest to be used for a special purpose, you can so direct. The wording suggested for a residual bequest is as follows:

" . . . all the rest, residue and remainder of my estate I give to the American Diabetes Association, Inc., a corporation organized under the laws of the State of Ohio, and having its principal offices at 600 Fifth Avenue, New York, New York 10020."

You will want, of course, to discuss the drafting of either of these forms with your attorney, and have it incorporated in your will, under his professional guidance.

If you prefer to name an Affiliate or Chapter as your beneficiary, you can use a similar form. However, we suggest that your local diabetes association and your attorney be consulted.

MEMORIALS:

It is becoming increasingly common to pay a thoughtful, and practical, tribute to the memory of a departed relative or friend through a memorial gift to the American Diabetes Association.

As with a bequest, or any contribution, such a memorial will play a role in hastening the day when diabetes and its tragic complications are finally overcome.

The memorial received by the Association is promptly acknowledged to the bereaved family; and no reference is made as to the amount of the memorial remembrance. The donor also receives an acknowledgment, together with a receipt for the gift.

Why not keep this helpful suggestion in mind, and make it a point to participate in the memorial program of your local ADA Affiliate or Chapter, if one is in your area. Otherwise, you can send your memorial gift to the American Diabetes Association, Inc., 600 Fifth Avenue, New York, New York 10020.

BUILDING TOGETHER through Achievement

Awards 1977

At the Thirty-Seventh Annual Meeting of the American Diabetes Association in St. Louis in June



Philip Felts, M.D. accepts the Upjohn Award from ADA President, Donnell D. Etzwiler, M.D. (left)



Dr. Etzwiler presents the Ames Award to Rita N. Nemchik, R.N.



Peter H. Bennett, M.D. receives the Lilly Award from Dr. Etzwiler at the Awards Banquet.



The Pfizer Award went to Henry E. Oppenheimer, M.D.



David M. Kipnis, M.D. received the Banting Award, and also gave the Annual Banting Lecture.



Outstanding Affiliate Service Award was given to Mr. and Mrs. Harvey Carafiol by Wendell Mayes, Jr.



Addison B. Scoville Jr., M.D., a past President, gives the Award bearing his name to outgoing Chairman of the Board, Wendell Mayes, Jr.



Dr. Etzwiler turns over the Banting Gavel to Norbert Freinkel, M.D., incoming President of the American Diabetes Association.

Awards 1978

At the Thirty-Eighth Annual Meeting of the American Diabetes Association in Boston in June



Frederick C. Goetz, M.D. accepts the Upjohn Award from ADA President Norbert Freinkel, M.D. (right)



Dr. Freinkel looks over the Ames Award which he has just presented to Barbara Prater, R.D.



Dr. Freinkel congratulates J. Denis McGarry, Ph.D. upon winning the Lilly Award.



Priscilla White, M.D. shakes hands with Dr. Freinkel as she accepts the Pfizer Award.



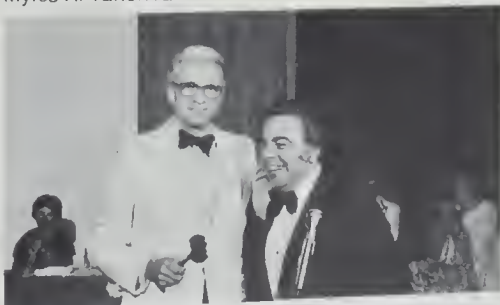
The Banting Award was given to Stefan S. Fajans, M.D., who also gave the Banting Lecture.



Mrs. Sheldon Feinman received the Outstanding Affiliate Service Award from Chairman of the Board Myles H. Tanenbaum.



Wayne Newton's Road Manager, Mitchell Greenberg, accepts the Dr. Charles H. Best Award from Myles H. Tanenbaum in Mr. Newton's absence.



The traditional passing of the Banting Gavel—Dr. Freinkel has just passed the symbol of leadership to incoming President, Fred W. Whitehouse, M.D.

BUILDING TOGETHER through ADA Advocacy Action

INSURANCE:

The ability to purchase adequate life and health insurance coverage is something most people can take for granted. Many diabetics, however, find it impossible to purchase either health insurance or life insurance needed to protect themselves and their families against financial loss. To help fill this serious gap, the Association's Committee on Insurance has worked with a number of insurance companies to urge them to make adequate insurance coverage available to all diabetics. The approval of a supplementary hospital indemnity insurance plan, available only to Association members, is one result of these concerned efforts.

Term life insurance on a group basis has also been made available to eligible members through these efforts.

Through still another plan, developed with the assistance of the Committee, ordinary life insurance at standard rates is available on an individual basis to diabetics who meet the offering company's underwriting criteria. To those who cannot meet these criteria, life insurance is often available from the company at somewhat higher rates.

The Association is also looking into a special plan that would make life insurance available to diabetics between the ages of 6 and 20. It is anticipated that this plan will be approved for sale to Association members sometime in 1978.

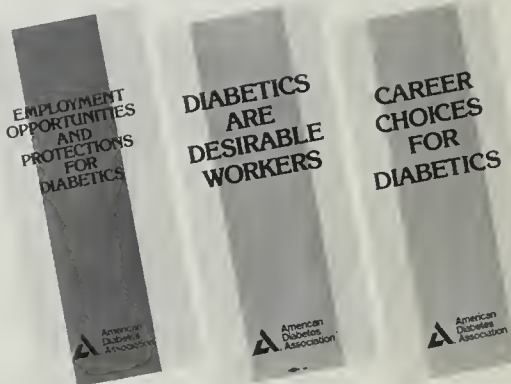
EMPLOYMENT:

The Association is constantly aware of the problems many diabetics encounter with employment matters. Through the Committee on Employment and Opportunities for Diabetics, ADA plays an active role in helping to improve the employment situation.

Materials have been produced, for distribution through Affiliates and Chapters, to educate both employers and diabetics who are now employed, or looking for employment.

Guidelines are available for determining employability, choosing a fitting career, and protecting one's rights under the most recent federal regulations. Committee members frequently step in personally to mediate in cases of apparent discrimination.

The Association continues to expand and strengthen its efforts in these areas.



24th and 25th Postgraduate Courses Held

"Diabetes in Review: Clinical Conferences 1977 and 1978" were held in Los Angeles and New York, respectively.

The Los Angeles program, developed by Leona V. Miller, M.D., Director, and co-chaired by Mayer B. Davidson, M.D., Carelyn P. Fylling, R.N., Lillian Haddock, M.D., and Mary Pearce, R.N., had a total registration of 561.

Harold Rifkin, M.D., as Director, gets the credit, along with his Co-Directors Sheldon J. Bleicher, M.D., Marie Cafiero, R.N., Ruth Cusack, Ph.D., for the program presented in New York to 577 physicians and other health team members, such as nurses and dietitians.

These programs were under the direction of the Committee on Professional Education chaired by Russell L. Poucher, M.D., in 1977, and Harold Rifkin, M.D., in 1978.

Staff Development and Training

The American Diabetes Association as a voluntary health organization has its policies and program direction guided and determined by the thousands of dedicated, concerned volunteers who serve the Association at Affiliate and National levels.

The effectiveness of this volunteer service is shaped, in large measure, by the quality of the staff that is available to assist the volunteers in carrying out the Association's program objectives and goals.

In 1977, as for the past three years, the Association conducted a three-day Staff Development Conference in which Affiliate and national staff met with co-workers around the country to learn about Association management and program development.

The rapid growth of the Association over the past several years is a direct reflection of the improved efficiency of the staff who helped to make this growth possible.

BUILDING TOGETHER through Camp Programs and Activities

Healthful and positive camp programs continued to flourish and grow during the period covered by this report.

The many camps and camp programs conducted around the country by Affiliates and their chapters offer a variety of activities from arts and crafts to hiking and other outdoor sports. They are staffed with dedicated physicians, nurses and dietitians who teach the youngsters how to control their diabetes.

Thousands and thousands of young lives are shaped annually to learn, and benefit from this learning, so that they may lead more normal, productive lives in coming years.

Menus are designed to meet the nutritional needs of the children. Good nourishment, good exercise, good training—all under professional attention and direction—give children the chance to learn about themselves, as well as to learn they are not alone with their diabetes.

On June 4th through 7th, of 1978, the Fifth International Conference on Diabetes and Camping was held.

Whereas 1977's Conference concerned itself with "The Psychological Aspects of Juvenile Diabetes", this year's theme was "Camper and Staff Development". An enthusiastic group participated eagerly in a program which all found to their liking.

The Conference was sponsored by the Association in conjunction with the Clara Barton Camp, Unitarian Universalist Women's Federation, Elliott P. Joslin Camp, Joslin Diabetes Foundation, Inc., and the American Diabetes Association's New England Affiliate.

Chairman of the 1978 Conference was Paul B. Madden of Joslin Clinic. He was ably assisted by Co-Chairmen Elizabeth Kruczek of the Clara Barton Camp, Massachusetts, and Edward Ferguson, Director of Camp Hazen, Connecticut.



ADA Southern California Affiliate's Camp Chinnoek offers summer adventure and a wide variety of activities for diabetic youngsters from age 7 to 16. Campers, like the boy shown here, are taught to control their diabetes effectively.



Typical of the widespread Affiliate activity in camp programs is this scene. Carolyn Sannar, R.N., Chairman of the Washington Affiliate's State Camp Committee, and member of its Board of Directors, addresses Unit presidents on the camp program plans for the year

BUILDING TOGETHER through Affiliate Action

The 1977 through June, 1978 period was a time for all-out action on the Affiliate front. It was a record period for a wide variety of professionally-staged events, patient and professional education, and community service. Space does not permit coverage of the exciting activities of all the Affiliates, so we'll give highlights of just two of the Affiliates.

In 1977, ADA Minnesota Affiliate raised \$197,200 through a February Valentine Ball, Style Show, 13 Skate-a-thons, 13 Bike-a-thons, a Golf Classic, a Vic Damone Concert, Garage Sales, Canisters, CB Breaks, and Cut-a-thons.

There were major corporate and foundation gifts to the sum of \$107,080, as well as donations toward special events from many corporations.

Two major professional meetings were held in 1977 for physicians, nurses, dietitians, pharmacists, and other health professionals.

In 1977, the TEAM concept (a workshop featuring a team of nurse, dietitian and physician) became the most significant education program of this Affiliate. By December, 1977, workshops held in 26 communities had reached 255 physicians and over 2500 other participants.

Local fund raising and the Holiday Sales Program, through the expanded sales of greeting cards and holiday gifts, accounted for a total of \$423,000 exclusively for diabetes research.

ADA North Dakota Affiliate held diabetes workshops in Dickinson, Williston, Rugby, and the Ft. Totten Indian Reservation.

In the professional education area, North Dakota conducted the Second Annual State-wide Diabetes Symposium for physicians and health professionals on April 15, 1977.

On the public education front, North Dakota reports that films on diabetes were shown 40 times to a collective audience of over 2,000 people by Units and Affiliate. They also participated in 26 health fairs and displays. Lawrence Welk appeared at a golf tournament and banquet for North Dakota.

Following you will see photographs testifying to the wide and numerous Affiliate activities throughout the nation.

Gerald J. Friedman, M.D., General Chairman of ADA New York Affiliate's first Diabetes Humanitarian Award Dinner, reviews his speech notes with guest Douglas Fairbanks, Jr., who presented the Award to former President Gerald R. Ford. John J. Bookman, M.D., Affiliate President of ADA New York, looks on.



Roger Staubach of the Dallas Cowboys is shown here accepting "Distinguished Service Award" from Helen Jane Wamboldt, President of ADA North Texas Affiliate, and George Schepps, left.



Carolyn Carder, President of the Colorado Affiliate, and Arnold Schwanke (right), Executive Director, are receiving the "Red" Miller Day Proclamation from Denver Mayor William H. McNichols, Jr. A successful fund-raising "roast" of Coach Miller was part of the festivities.



THE CHAMPAIGN NEWS OF



December 20, 1977

Ms. Mary Ann Keller
American Diabetes Association
Box 234
Grand Forks, ND 58201

Dear Ms. Keller:

Thank you for your informative letter and enclosures of December 12th.

I do indeed appreciate your need and the importance of your program. I have some first hand knowledge of the problems of diabetes, as my mother was diabetic.

As it stands now, my annual trip to Strasburg is set for May 18-24. My only tentative commitment so far is for Sunday, May 21. I've been invited to attend and participate in my home town's high school graduation exercises and want very much to do this. If you could arrange for a golf tournament during my stay, I would be happy to spare you some time. Or if you think a little show or evening benefit would be better, I could arrange to bring along my accordion.

Above is reproduced a gracious letter of acceptance from Lawrence Welk to appear at a benefit Golf Tournament.



Fans gather around benefit start performer Wayne Newton, after his performance in Kansas City, Mo. for ADA Heart of America Affiliate in October, 1977. 5,000 tickets were sold.



Former Missouri Governor Christopher "Kit" Bond, left, guest speaker at Heart of America's Annual Meeting, chats with Tom Cannon, President of the Affiliate. Bond appeared on behalf of the Affiliate at the FDA hearing in Washington on the proposed saccharin ban.



Paul Ray, Ph.D., Department of Biochemistry, University of North Dakota, left, accepts \$2,500 research grant check from George Johnson, M.D., President of ADA North Dakota Affiliate.



Len Haba, Past President and Past Chairman of ADA Washington Affiliate Board and member of the National Board, was fund-raising "Celebrity Chef" at McDonald's.

BUILDING TOGETHER through Affiliate Action



Robert Granville, far left, Executive Director of ADA New Jersey Affiliate, and Mrs. Frances Tasner, Associate Director, at right in background, look on as Mrs. Mary Sandmeyer, Staff Specialist, treats patient in screening program.



Immediate Past President of ADA Pennsylvania Affiliate, Beverly Kanig, presents a \$7,100 check to Leo P. Krall, M.D., Editor of *Diabetes Forecast*, for use in ADA research.



The ADA Greater Philadelphia Affiliate held its Annual Dinner Dance at the Union League. Dorothy Struzinski, President of the Philadelphia Chapter, left, is shown here with John P. Kelly, Jr., City Councilman and Chairman of the event, and Juanita Hanson, Executive Director. Senator Schweiker of Pennsylvania was awarded the Reber Memorial Award of ADA at the dinner.



Three youthful Bike-a-thon participants check out the route before taking off for the 1977 Reading, Pennsylvania Chapter fund-raising event.



"Visions of Sugarless Plums" theme and display garnered second-place award for the Greater Philadelphia Affiliate at the annual Emergency Aid Charity Bazaar. Over 100 charities participated in this successful fund-raising event.



Volunteers assist at diabetes screening test for ADA Upstate New York Chapter's detection program.



Patients line up in the Nashville Third National Bank Screening Center for ADA Middle Tennessee Chapter Detection Program.



It's time-out time for two participants after their 25-mile ride in the ADA Delaware Affiliate Bike-a-thon. Over \$5,000 was raised through this event.



Officers of the ADA Upstate New York Chapter Executive Committee present Dan Herrmann, President of Fay's Drug Company with an Outstanding Service Award for continuous support of ADA.



ADA Indiana Affiliate's "Skate-a-thon to Beat Diabetes" was held in 18 Hoosier cities. Here you see Wendy Wallace with Luke Boston, 13 months old!



Four distinguished guests at the ADA New York Affiliate's first Diabetes Humanitarian Award Dinner. From left to right: Former President Gerald R. Ford, Honorary Campaign Chairman for ADA, Cliff Robertson, Dina Merrill, member of ADA President's Advisory Council, and Douglas Fairbanks, Jr.



"Big Bird" hugs ADA Washington Affiliate Bike-a-thon chairman, Jim Campbell. Jim is also President of the South Seattle Unit.

Affiliate Diabetes Associations

Alabama

American Diabetes Association
Alabama Affiliate, Inc.
904 Bob Wallace Avenue, S.E., Suite 222
Huntsville, Alabama 35801

Alaska

See Washington Affiliate

Arizona

American Diabetes Association
Arizona Affiliate, Inc.
555 West Catalina Drive, #14
Phoenix, Arizona 85013

Unit:

Tucson
4901 E. Fifth Street, Suite 203
Tucson, Arizona 85716

Arkansas

American Diabetes Association
Arkansas Affiliate, Inc.
5422 West Markham
Little Rock, Arkansas 77205

California

American Diabetes Association
Northern California Affiliate, Inc.
255 Hugo Street
San Francisco, California 91422

Chapters:

Alameda-Contra Costa
4383 Piedmont Avenue
Oakland, California 94611

Marin County

Sierra Building, Room 105
1368 Lincoln Avenue
San Rafael, California 49401

Sacramento

Central Methodist Church
5265 H Street
Sacramento, California 95819

San Mateo

3080 La Selva, Room 26
San Mateo, California 94403

American Diabetes Association
Southern California Affiliate, Inc.
1127 Crenshaw Boulevard
Los Angeles, California 90019

Chapters:

San Diego
3420 Kenyon Street, Suite 240
San Diego, California 92110

Orange County

1215 East Chapman Avenue, Suite 4D
Orange, California 92666

Colorado

American Diabetes Association
Colorado Affiliate, Inc.
1045 Acoma Street
Denver, Colorado 80204

Connecticut

American Diabetes Association
Connecticut Affiliate, Inc.
17 Oakwood Avenue
West Hartford, Connecticut 06119

Delaware

American Diabetes Association
Delaware Affiliate, Inc.
2300 Pennsylvania Avenue, Ste. LL1
Wilmington, Delaware 19806

District of Columbia

American Diabetes Association
Washington, D.C. Area Affiliate, Inc.
7961 Eastern Avenue
Silver Spring, Maryland 20910

Florida

American Diabetes Association
Florida Affiliate, Inc.
1080 Woodcock Road, Suite 279
Orlando, Florida 32803

Georgia

American Diabetes Association
Georgia Affiliate, Inc.
1447 Peachtree Street, N.E., Suite 810
Atlanta, Georgia 30309

Hawaii

American Diabetes Association
Hawaii Affiliate, Inc.
347 North Kuakini
Honolulu, Hawaii 96817

Idaho

American Diabetes Association
Idaho Affiliate, Inc.
10347 Barnsdale Drive
Boise, Idaho 83704

Illinois

American Diabetes Association
Northern Illinois Affiliate, Inc.
620 North Michigan Avenue
Chicago, Illinois 60611

American Diabetes Association
Downstate Illinois Affiliate, Inc.
104 North Water, Room 623
Decatur, Illinois 62523

Indiana

American Diabetes Association
Indiana Affiliate, Inc.
222 S. Downey Avenue, Suite 320
Indianapolis, Indiana 46219

Chapter:

Greater Indianapolis
1433 North Meridian Street
Indianapolis, Indiana 46202

Iowa

American Diabetes Association
Iowa Affiliate, Inc.
305 Second Avenue, S.E.
Cedar Rapids, Iowa 52401

Kansas

American Diabetes Association
Kansas Affiliate, Inc.
2312 East Central
Wichita, Kansas 67214

Kentucky

American Diabetes Association
Kentucky Affiliate, Inc.
2358 Pierson Drive
Lexington, Kentucky 40505

Louisiana

American Diabetes Association
Louisiana Affiliate, Inc.
619 Jefferson Highway, Suite 1F
Baton Rouge, Louisiana 70806

Maine

See Massachusetts

Maryland

American Diabetes Association
Maryland Affiliate, Inc.
3701 Old Court Road
Old Court Executive Park, Suite 19
Baltimore, Maryland 21208

Massachusetts

American Diabetes Association
New England Affiliate, Inc.
377 Elliot Street
Newton Upper Falls, Mass. 02164

Michigan

American Diabetes Association
Michigan Affiliate, Inc.
6131 West Outer Drive
Detroit, Michigan 48235

Minnesota

American Diabetes Association
Minnesota Affiliate, Inc.
5400 Glenwood Avenue, N.
Minneapolis, Minnesota 55422

Chapter:

Twin Cities
5400 Glenwood Avenue, N.
Minneapolis, Minnesota 55422

Mississippi

American Diabetes Association
Mississippi Affiliate, Inc.
P.O. Box 16968
Jackson, Mississippi 39206

Missouri

American Diabetes Association
Heart of America Affiliate, Inc.
616 East 63rd Street, Suite 203
Kansas City, Missouri 64110

American Diabetes Association
Missouri Regional Affiliate, Inc.
Box 11
Columbia, Missouri 65201

American Diabetes Association
Greater St. Louis Affiliate, Inc.
3839 Lindell Boulevard
St. Louis, Missouri 63108

Montana

American Diabetes Association
Montana Affiliate, Inc.
Box 2411
Great Falls, Montana 59403

Nebraska

American Diabetes Association
Nebraska Affiliate, Inc.
819 Dorcas Street
Omaha, Nebraska 68108

Nevada

American Diabetes Association
Nevada Affiliate, Inc.
3333 West Washington Avenue
Las Vegas, Nevada 89107

New Hampshire

American Diabetes Association
New Hampshire Affiliate, Inc.
P.O. Box 1312
Concord, New Hampshire 03301

New Jersey

American Diabetes Association
New Jersey Affiliate, Inc.
American Red Cross Building
345 Union Street
Hackensack, New Jersey 07601

New Mexico

American Diabetes Association
New Mexico Affiliate, Inc.
6101 Marble, N.E., Suite 11
Albuquerque, New Mexico 87110

New York

American Diabetes Association
Upper Hudson Area Chapter, Inc.
35 Hackett Avenue
Albany, New York 12205

American Diabetes Association
Western New York Affiliate, Inc.
Statler Hilton
107 Delaware Avenue, Suite 240
Buffalo, New York 14202

American Diabetes Association
New York Diabetes Affiliate, Inc.
104 East 40th Street
New York, New York 10016

Rochester Regional Diabetes
Association, Inc.
1351 Mount Hope Avenue, Room 121
Rochester, New York 14620

American Diabetes Association
Upstate New York Chapter, Inc.
710 Wilson Building
306 South Salina Street
Syracuse, New York 13202

American Diabetes Association
Central New York Chapter, Inc.
1404 Genesee Street
Utica, New York 13502

North Carolina

American Diabetes Association
North Carolina Affiliate, Inc.
408 North Tryon Street
Charlotte, North Carolina 28202

North Dakota

American Diabetes Association
North Dakota Affiliate, Inc.
P.O. Box 234
Grand Forks, North Dakota 58201

Ohio

American Diabetes Association
Akron Area Affiliate, Inc.
225 West Exchange Street
Akron, Ohio 44302

American Diabetes Association
Cincinnati Affiliate, Inc.
2400 Reading Road
Cincinnati, Ohio 45202

American Diabetes Association
Dayton Area Affiliate, Inc.
184 Salem Avenue
Dayton, Ohio 45406

American Diabetes Association
Mahoning Valley Chapter, Inc.
420 Oak Hill Avenue
Youngstown, Ohio 44502

American Diabetes Association
Southeastern Ohio Chapter, Inc.
Box 2354
Zanesville, Ohio 43701

Oklahoma

American Diabetes Association
Eastern Oklahoma Chapter, Inc.
6565 South Yale Avenue, Suite 613
Tulsa, Oklahoma 74136

American Diabetes Association
Western Oklahoma Chapter, Inc.
2801 N.W. Expressway, Suite 146
Oklahoma City, Oklahoma 73112

Oregon

American Diabetes Association
Oregon Affiliate, Inc.
3609 S.W. Corbett
Portland, Oregon 97201

Pennsylvania

American Diabetes Association
Greater Philadelphia Affiliate, Inc.
919 Walnut Street, Fourth Floor
Philadelphia, Pennsylvania 19107

American Diabetes Association
Western Pennsylvania Affiliate, Inc.
Iroquois Building, Room 404
Pittsburgh, Pennsylvania 15213

American Diabetes Association
Pennsylvania Affiliate, Inc.
1930 Union Boulevard
Allentown, Pennsylvania 18103

Rhode Island

See Massachusetts

South Carolina

American Diabetes Association
South Carolina Affiliate, Inc.
313 Mills Avenue
P.O. Box 8378
Greenville, South Carolina 29604

South Dakota

American Diabetes Association
South Dakota Affiliate, Inc.
1200 South Seventh
Sioux Falls, South Dakota 57105

Tennessee

American Diabetes Association
Greater Chattanooga Chapter, Inc.
871 McCallie Avenue
Chattanooga, Tennessee 37403

American Diabetes Association
Knox Area Unit, Inc.
815 Broadway, N.E.
Knoxville, Tennessee 37917

American Diabetes Association
Memphis Mid-South Chapter, Inc.
969 Madison Avenue, Suite 900-A
Memphis, Tennessee 38104

American Diabetes Association
Middle Tennessee Chapter, Inc.
c/o Baptist Hospital
Room 120, West Building
2000 Church Street
Nashville, Tennessee 37236

Texas

American Diabetes Association
North Texas Affiliate, Inc.
P.O. Box 35785 (Mailing Address)
5415 Maple, Suite 216
Dallas, Texas 75235

American Diabetes Association
South Texas Affiliate, Inc.
1536 East Anderson Lane, Suite 36
Austin, Texas 78752

Chapters:

Capital Area
4101 Medical Parkway #104
Austin, Texas 78765

Greater Houston Area
2990 Richmond, Suite 100
Houston, Texas 77098

Utah

American Diabetes Association
Utah Affiliate, Inc.
Graystone Plaza, #4
1174 East 2700 South
Salt Lake City, Utah 84106

Vermont

American Diabetes Association
Vermont Affiliate, Inc.
106 Colchester Avenue
Burlington, Vermont 05401

Virginia

American Diabetes Association
Virginia Affiliate, Inc.
Suite 5, 210 Laskin Road
Virginia Beach, Virginia 23541

Washington

American Diabetes Association
Washington Affiliate, Inc.
1218 Terry Avenue, Suite 209
Seattle, Washington 98101

Unit:

Anchorage
8130 Huckleberry
Anchorage, Alaska 99502

West Virginia

American Diabetes Association
West Virginia Affiliate, Inc.
1036 Quarrier Street, Room 404
Charleston, West Virginia 25301

Wisconsin

American Diabetes Association
Wisconsin Affiliate, Inc.
P.O. Box 17805 (Mailing Address)
5215 North Ironwood Road
Milwaukee, Wisconsin 53217

Wyoming

American Diabetes Association
Wyoming Unit, Inc.
2600 East 18th
Cheyenne, Wyoming 82001

Officers and Directors of the American Diabetes Association, Inc.

Organization Year 1977-1978

OFFICERS

Chairman of the Board

Myles H. Tanenbaum*
Executive Vice President,
Kravco, Inc.
King of Prussia, Pennsylvania

President

Norbert Freinkel, M.D.*
Kettering Professor of Medicine
Northwestern University Medical School
Chicago, Illinois

President-Elect

Fred W. Whitehouse, M.D.*
Chief, Division of Metabolic Diseases,
Henry Ford Hospital
Detroit, Michigan

Vice President

Ronald A. Arky, M.D.*
Professor of Medicine, Harvard Medical School
at Mount Auburn Hospital
Cambridge, Massachusetts

Vice President

Benjamin Greenspoon*
Chief Trial Attorney
Securities and Exchange Commission
Chevy Chase, Maryland

Vice President

Patricia A. Lawrence, R.N.*
University of North Carolina,
School of Nursing
Durham, North Carolina

Secretary

Mrs. Jerome Kaplan*
President/Director,
Allentown Business School
Allentown, Pennsylvania

Treasurer

Eric Dunkley*
Deputy Executive Director, Finance
American Nurses' Association
Kansas City, Missouri

Past President

Donnell D. Etzwiler, M.D.*
Pediatrician, St. Louis Park Medical Center
Minneapolis, Minnesota

Past Chairman of the Board

Wendell Mayes, Jr.*
President KNOW, KCRS, KVIC Radio
Austin, Texas

Executive Vice President

John L. Dugan, Jr.*
American Diabetes Association, Inc.
New York, New York

BOARD OF DIRECTORS

Term Expiring 1978

Tim Lee Carter, M.D.
U.S. Representative from 5th District, Kentucky
Washington, D.C.

Barbara Christman, R.N., M.S.N.
Vanderbilt University School of Nursing
Nashville, Tennessee

Geoffrey H. Dale
Combustion Engineering, Inc.
Simsbury, Connecticut

Mrs. Sheldon Feinman
Lerer Realty Corporation
Dallas, Texas

Philip W. Felts, M.D.
Vanderbilt University School of Medicine
Nashville, Tennessee

Gerald J. Friedman, M.D.
New York University College of Medicine
New York, New York

John A. Galloway, M.D.
Senior Clinical Pharmacologist
Lilly Clinic, Lilly Research Laboratories
Wishard Memorial Hospital
Indianapolis, Indiana

Lee A. Iacocca
President, Ford Motor Company
Dearborn, Michigan

John C. Johns, M.D.
Northeastern Ohio Universities College of Medicine
Akron, Ohio

Gene Kidd
President, Baptist Hospital
Nashville, Tennessee

Paul E. Lacy, M.D.
Washington University School of Medicine
St. Louis, Missouri

Alvin Z. Levine
Levine/Seegel Associates
Los Angeles, California

Robert L. Nielsen, M.D.
University of Washington School of Medicine
Seattle, Washington

Russell L. Poucher, M.D.
University of California, Irvine, College of Medicine
Whittier, California

Mrs. Stanley Silverberg
Public Relations
Potomac, Maryland

Joseph Zarish
President, Canterbury House, Inc.
Deerfield, Illinois

* Members of the Board of Directors by reason of office

Term Expiring 1979

Donald I. Bell, M.D.
Northwestern University Medical School
Evanston, Illinois

Harlan L. Hanson
Vice President, Marketing
Thermo Serv, Division of Dart Industries
Maple Grove, Minnesota

Frank W. Hausmann, Jr.
Senior Vice President, Trust Division
National Bank of Detroit
Detroit, Michigan

Mrs. Linn Hoover
President, Joan Hoover Interiors, Inc.
Chevy Chase, Maryland

Vernon N. Hopkins
Vice President
Merrill Lynch, Pierce, Fenner & Smith, Inc.
Memphis, Tennessee

Thomas A. Huff, M.D.
Medical College of Georgia
Augusta, Georgia

Lawrence L. Lapham
Lawrence L. Lapham, Inc.
New York, New York

Myrtis A. McSweeney, R.N.
Coordinator, Diabetes Education,
Waltham Hospital
Waltham, Massachusetts

Gilbert L. Marks
President, Marco Sales, Inc.
St. Louis, Missouri

John M. Panza
Administrator
West Virginia Division of Vocational Rehabilitation
Fairmont, West Virginia

Charles H. Read, M.D.
University of Iowa Medical College
Iowa City, Iowa

Harold Rifkin, M.D.
Albert Einstein College of Medicine
New York, New York

Charles R. Shuman, M.D.
Temple University Hospital School of Medicine
Philadelphia, Pennsylvania

Irving L. Spratt, M.D.
Practice of Internal Medicine
San Bernardino, California

Luther B. Travis, M.D.
University of Texas Medical Branch
Galveston, Texas

Term Expiring 1980

Allan L. Drash, M.D.
Children's Hospital
Pittsburgh, Pennsylvania

John C. Floyd, Jr., M.D.
University of Michigan Medical Center
Ann Arbor, Michigan

Leonard A. Haba
Vice President and Corporate Comptroller
PACCAR, Inc.
Bellevue, Washington

Nancy Hall, R.N.
Diabetic Management Clinic
Upper Marlboro, Maryland

Robert Hart
Vice President
McGraw-Hill Broadcasting Company, Inc.
General Manager, KMGH-TV
Englewood, Colorado

Mrs. Harris Kortman
Community Affairs
Holland, Michigan

Robert L. Kroc, Ph.D.
President, The Kroc Foundation
Santa Ynez, California

Ann M. Lawrence, M.D., Ph.D.
Loyola University Stritch School of Medicine
Hines, Illinois

Leona V. Miller, M.D.
University of California, Irvine
Pasadena, California

Ralph Murphy, M.D.
Practice of Internal Medicine
Atlanta, Georgia

Marjorie Peebles-Meyers, M.D.
Wayne State University School of Medicine
and Ford Motor Company
Dearborn, Michigan

Art Raymond
Director of Indian Studies
University of North Dakota
Grand Forks, North Dakota

Gordon Stulberg
Attorney
Mitchell, Silberberg & Knupp
Los Angeles, California

T. Franklin Williams, M.D.
Monroe Community Hospital
Rochester, New York

Committees and Editorial Boards 1977-78

COORDINATING COMMITTEE FOR PATIENT ACTIVITIES

Chairman: Thaddeus E. Prout, M.D.
Vice Chairman: Florence Ruhland, R.N.

COMMITTEE ON FOOD AND NUTRITION

Chairman: John D. Brunzell, M.D.
Vice Chairman: Dorothy Verstraete, R.D.

COMMITTEE ON EDUCATION FOR DIABETICS

Chairman: Marvin L. Rallison, M.D.
Vice Chairman: Jean Espenshade, R.N.

COMMITTEE ON FAMILY BEHAVIOR

Chairman: Lester Baker, M.D.
Vice Chairman: Marie Cafiero, R.N.

COMMITTEE ON MATERIALS AND THERAPEUTIC AGENTS

Chairman: Ronald K. Kalkhoff, M.D.
Vice Chairman: Thomas J. Merimee, M.D.

COORDINATING COMMITTEE FOR PUBLIC ACTIVITIES

Chairman: Mr. Gilbert Marks
Vice Chairman: George W. Welsh, III, M.D.

COMMITTEE ON PUBLIC EDUCATION

Chairman: Mrs. Dorothea Sims
Vice Chairman: Kelly M. West, M.D.

COMMITTEE ON PUBLIC AFFAIRS AND GOVERNMENTAL RELATIONS

Chairman: Mrs. Harris Kortman
Vice Chairman: Ronald A. Arky, M.D.

COMMITTEE ON INSURANCE

Chairman: George Goodkin, M.D.
Vice Chairman: Beatrice Nordberg, R.N.

COMMITTEE ON EMPLOYMENT AND OPPORTUNITIES FOR DIABETICS

Chairman: Gerald J. Friedman, M.D.
Vice Chairman: Henry L. Wildberger, M.D.

COORDINATING COMMITTEE FOR PUBLICATIONS

Chairman: Arthur Krosnick, M.D.
Vice Chairman: Philip W. Felts, M.D.

JOURNAL DIABETES

Editor: David M. Kipnis, M.D.

DIABETES CARE

Editor: Jay S. Skyler, M.D.

DIABETES FORECAST

Editor: Leo P. Krall, M.D.

COMMITTEE ON ADVERTISING

Chairman: John C. Floyd, Jr., M.D.
Vice Chairman: Nancy J. Hall, R.N.

COORDINATING COMMITTEE FOR SCIENTIFIC ACTIVITIES

Chairman: Paul E. Lacy, M.D.
Vice Chairman: Francine Lebovitz, R.N.

COMMITTEE ON RESEARCH

Chairman: Gerold M. Grodsky, Ph.D.
Vice Chairman: Charles J. Goodner, M.D.

COMMITTEE ON SCIENTIFIC PROGRAMS

Chairman: Arthur Rubenstein, M.D.
Vice Chairman: Maria Alogna, R.N.
Vice Chairman: Roger H. Unger, M.D.

ESTABLISHED INVESTIGATOR REVIEW BOARD

Chairman: Charles A. Goodner, M.D.
Vice Chairman: Bernard R. Landau, M.D., Ph.D.

COMMITTEE ON PROFESSIONAL EDUCATION

Chairman: Harold Rifkin, M.D.
Vice Chairman: Lois Recker, R.N.
Vice Chairman: John C. Johns, M.D.

COMMITTEE ON STATISTICS

Chairman: Peter Bennett, M.D.
Vice Chairman: Irving L. Spratt, M.D.

COORDINATING COMMITTEE FOR YOUTH

Chairman: Randi L. Kington, R.N.
Vice Chairman: Howard S. Traisman, M.D.

COMMITTEE ON CAMPS

Chairman: Samuel M. Wentworth, M.D.
Vice Chairman: George A. Burghen, M.D.

COMMITTEE ON PARENT AND YOUTH GROUPS

Chairman: Mr. Paul B. Madden
Vice Chairman: Thomas M. Flood, M.D.

COMMITTEE ON EDUCATION OF JUVENILE DIABETICS

Chairman: Luther B. Travis, M.D.
Vice Chairman: Netti Richter, M.A.

COORDINATING COMMITTEE FOR ADMINISTRATION

Chairman: Donald I. Bell, M.D.
Vice Chairman: Mrs. Sydelle Feinman

COMMITTEE ON PLANNING AND ORGANIZATION

Chairman: Mr. Alvin Z. Levine
Vice Chairman: Barbara Christman, R.N., M.S.N.

COMMITTEE ON AFFILIATE ASSOCIATIONS

Chairman: Helen M. Wilks, M.D.
Vice Chairman: Mr. Leonard A. Haba

COMMITTEE ON FUND RAISING

Chairman: Mr. Lawrence L. Lapham
Vice Chairman: Mr. Harlan Hanson

COMMITTEE ON COMMUNICATIONS

Chairman: Helen Jane Wamboldt, Ph.D.

STANDING COMMITTEES

COMMITTEE ON BUDGET AND FINANCE

Chairman: Mr. Wendell Mayes, Jr.

PERSONNEL COMMITTEE

Chairman: Mr. Benjamin Greenspoon

CONSTITUTIONAL COMMITTEES

EXECUTIVE COMMITTEE

Chairman: Norbert Freinkel, M.D.

NOMINATING COMMITTEE

Chairman: George F. Cahill, Jr., M.D.

AUDIT COMMITTEE

Chairman: Mr. Vernon N. Hopkins

SPECIAL COMMITTEES

AD HOC COMMITTEE ON THE ADVISABILITY OF MOVING THE NATIONAL OFFICE

Chairman: Harold Rifkin, M.D.

AD HOC SEARCH COMMITTEE FOR EDITOR OF DIABETES

Chairman: James B. Field, M.D.

AD HOC COMMITTEE ON ANNUAL MEETING PROGRAM

Chairman: Jon W. Hall

AD HOC COMMITTEE ON SUGAR SUBSTITUTES

Chairman: Ronald K. Kalkhoff, M.D.

AD HOC COMMITTEE TO WORK WITH (AADE) AMERICAN ASSOCIATION OF DIABETES EDUCATORS

Chairman: Fred W. Whitehouse, M.D.

ADVISORY COMMITTEE TO THE NON-PHYSICIAN VICE PRESIDENT

Chairman: Maria Alogna, R.N.

AD HOC COMMITTEE ON RECOMBINANT DNA

Chairman: Donald F. Steiner, M.D.

THE PRESIDENT'S ADVISORY COUNCIL

Robert Anderson
President, Rockwell International, Inc.
Pittsburgh, Pennsylvania

Donald N. Frey
Chairman, Bell & Howell
Chicago, Illinois

Henry W. Gadsden
Chairman (ret.), Merck, Inc.
Short Hills, New Jersey

Julian Goodman
Chairman, National Broadcasting Co., Inc.
New York, New York

Lee Iacocca
President, Ford Motor Company
Dearborn, Michigan

Leo-Arthur Kelmenson
President, Kenyon & Eckhardt
New York, New York

Dina Merrill
New York, New York

John R. Miller
President, Hearst Corporation
New York, New York

Raymond J. Mulligan
President, Liggett & Myers, Inc.
Durham, North Carolina

John J. Nevin
President, Zenith Radio Corporation
Glenview, Illinois

William Phillips
Chairman, International Multifoods Corp.
Minneapolis, Minnesota

Frank T. Reilly
President, Brooks Brothers
New York, New York

Frederick Silliman
President, The Hydraulic Company
Bridgeport, Connecticut

Roger Staubach
Quarterback, Dallas Cowboys Football Club
Dallas, Texas

William F. Talbert
Senior Vice President
Security Columbian Banknote Co.
New York, New York

J. Joseph Vacca
President
National Association of Letter Carriers, AFL-CIO
Washington D. C.

NATIONAL OFFICE STAFF

John L. Dugan, Jr.
Executive Vice President

Louis C. Bernst, Esq.
Legal Counsel

William A. Aspinwall
Finance Director

Dorothy M. Born
Patient Education Program
Coordinator

Robert E. Connery
Fund Raising Director

Barbara El-Beheri, R.D.
Nutrition Program Coordinator

Edward A. Falasca
Development Director

William Ferguson
Program Development and
Field Operations Director

David G. Grant
Northeast Region Director

Harry A. Hansen
Administrative Services Director

Gabriel Icart
Chief Accountant

Susan Lovell
Managing Editor, *Diabetes*
and *Diabetes Care*

Joseph P. Murray
Midwest Region Director

James Neidigh
Western Region Director

Frank G. Pegrum
Circulation Manager

Ceil Pernica
Public Relations Director

Al Rickli
Office Services Manager

Marlin D. Roberts
Organization Consultant

Theodore W. von Eiff
Youth Activities and Public Education
Program Coordinator

Caroline Stevens
Publications Director

Catherine Ward
Legislative and Association
Affairs Director

Roberta L. Warren
Membership Secretary

American Diabetes Association, Inc.

600 FIFTH AVENUE, NEW YORK, N.Y. 10020

Member National Health Council

Member Combined Federal Campaign



Message from the
Chairman of the Board
Myles H. Tanenbaum

The achievements of the American Diabetes Association during the year 1977 are once more a reflection of the enormous effort of our volunteers, the devotion of our staff, and the unbending commitment of the entire organization to improve the well-being of all those with diabetes.

As with all voluntary health organizations, achievements in ADA are reflected in terms of effective programs. First and foremost, the American Diabetes Association is committed to assist those with diabetes, as well as their families, in the daily management of their ailment by providing on-going programs of patient education. Because trained professionals are essential in dealing with a serious health problem, the Association also carries on a continuing education program for all those in the health delivery system: doctors, nurses, dietitians, podiatrists, dentists, and other health professionals. Another important component program involves ADA's efforts to educate the public about diabetes, its problems, and the ways in which everyone can lend a hand.

During 1977, the American Diabetes Association increased its support for these programs, including the sponsorship of summer camps by over 27% to an all-time high of over \$5,680,000. Of course, a good many of these programs generate offsetting revenue such as fees from camperships, charges for seminars and courses for health professionals, and subscriptions to the Association's outstanding publications (*Diabetes Forecast*, directed towards those with diabetes; and *Diabetes: The Journal of the American Diabetes Association* and *Diabetes Care*, directed towards the health professionals).



Research expenditures during 1977 also reached an all-time high, amounting to more than six times as much as spent five years earlier. And ADA's work with the Congress and the Administration in Washington was instrumental in raising the Government's commitment to diabetes research to over four times the level of five years ago.

The resources that enabled ADA to expand its programs and research expenditures also rose. Total support and revenue during 1977 increased over 24% with virtually all sources of income increasing at the same pace.

This brief report, since it accompanies ADA's financial statements, is expressed largely in statistical terms. While numbers go far in telling the story, they fall short in expressing the true commitment of time and energy by ADA's 125,000 plus membership, and the larger cadre of volunteers who have worked so hard throughout the year to improve the well-being of all those with diabetes.

AMERICAN DIABETES ASSOCIATION, INC. (NATIONAL HEADQUARTERS)

Balance Sheets at December 31, 1977 and December 31, 1976

ASSETS:

	1977	1976
General Funds—Unrestricted:		
Cash, including certificates of deposit of \$163,266 and \$87,166, respectively	\$ 362,655	\$ 262,024
Receivables from Affiliates for share of contributions, less allowance for doubtful accounts of \$60,000 and \$10,000, respectively (Note 2)	978,217	590,904
Other accounts receivable, less allowance for doubtful accounts of \$7,797 and \$2,355, respectively	40,710	61,858
Bequests receivable (Note 1)	28,002	26,392
Contributions receivable (Note 1)	11,365	12,580
Supplies for sale or use, at cost	34,680	70,968
Prepaid expenses and other assets	35,407	70,769
Due from the Fund for Research		11,732

<u>\$1,491,036</u>	<u>\$1,107,227</u>
--------------------	--------------------

General Funds—Restricted:

The Fund for Research:

Cash	\$ 36,591	\$ 9,993
Bequests receivable (Note 1)		27,528
Contributions receivable (Note 1)	242,755	150,000
Other assets	2,237	287
Due from General Fund	36,574	
	<u>318,157</u>	<u>187,808</u>

Other funds:

Cash, including certificate of deposit of \$36,734 and \$62,834, respectively	38,688	62,834
	<u>\$ 356,845</u>	<u>\$ 250,642</u>

Fixed Assets Fund (Note 1):

Furniture, fixtures and equipment less accumulated depreciation of \$30,839 and \$23,152, respectively	55,090	59,839
Leasehold improvements less accumulated amortization of \$4,846 and \$3,524, respectively	5,727	7,049
	<u>\$ 60,817</u>	<u>\$ 66,888</u>

See accompanying notes to financial statements.

To the Board of Directors,
American Diabetes Association, Inc.:

We have examined the balance sheets of the AMERICAN DIABETES ASSOCIATION, INC. (NATIONAL HEADQUARTERS) as of December 31, 1977 and 1976 and the related statements of support, revenue and expenses and changes in fund balances and of functional expenses for the year ended December 31, 1977 (pages 3 through 10, inclusive). Our examinations were made in accordance with generally accepted auditing standards and, accordingly, included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, the financial statements referred to above present fairly the financial position of the American Diabetes Association, Inc. (National Headquarters) at December 31, 1977 and 1976, and the results of its operations and the changes in its fund balances for the year ended December 31, 1977, in conformity with generally accepted accounting principles, which, except for the change, with which we concur, in the method of recording research and development awards as described in Note 3 to the financial statements, have been applied on a consistent basis.

New York, New York
May 12, 1978

Coopers & Lybrand

LIABILITIES AND FUND BALANCES:

General Funds—Unrestricted:

	1977	1976
Due to Fund for Research	\$ 36,574	
Accounts payable and accrued liabilities	203,110	\$ 184,264
Payables to Affiliates for share of contributions (Note 2)	45,664	91,247
Pension liability (Note 7)		173,686
Deferred income:		
Unexpired subscriptions:		
<i>Diabetes Forecast</i>	\$323,433	\$259,415
<i>Diabetes: The Journal of the American Diabetes Association</i>	91,033	79,369
Membership dues.	130,940	104,875
Postgraduate course	25,477	443,659
Fund balance		
Wendell Mayes, Jr. Affiliate Development Fund (Note 4)	500,000	
Undesignated (Note 3)	134,805	214,371
	<u>\$1,491,036</u>	<u>\$1,107,227</u>

General Funds—Restricted:

The Fund for Research:		
Research awards and grants payable	\$ 216,381	\$ 29,349
Due to General Fund		11,732
Accrued liabilities	1,100	
Fund balance (Notes 3 and 5)	<u>100,676</u>	<u>146,727</u>
	318,157	187,808
Other fund balances (Note 6)	38,688	62,834
	<u>\$ 356,845</u>	<u>\$ 250,642</u>

Fixed Assets Fund (Note 1):

Fund balance	\$ 60,817	\$ 66,888
------------------------	-----------	-----------

AMERICAN DIABETES ASSOCIATION, INC. (NATIONAL HEADQUARTERS)

Statement of Support, Revenue and Expenses and Changes in Fund Balances for the Year Ended December 31, 1977, with Comparative Totals for the Year Ended December 31, 1976

Public support and revenue:

Direct public support:

Contributions
Bequests

Indirect public support:

From Affiliate Associations:

Share of Affiliate contributions, net of support to Affiliates of \$18,550 and \$48,772 (Note 2).
Contributions for research
Total public support

Revenue:

Membership dues
Subscriptions and other income from publications
Sales, educational and testing materials
Interest income
Income from Nordisk Insulinfond (Note 5).
Postgraduate courses, annual meetings and research symposium
Recovery of early retirement provisions (Note 7)
Miscellaneous revenue
Total revenue
Total public support and revenue

Expenses:

Program services:

Professional education
Patient education
Public education
Research
Total program services

Supporting services:

Management and general (Note 7)
Fund raising
Total supporting services
Total expenses (Note 7)
Excess (deficiency) of public support and revenue over expenses before cumulative effect of accounting change
Less: Cumulative effect of accounting change (Note 3).
Excess (deficiency) of public support and revenue over expenses

Other changes in fund balances:

Office equipment acquisitions from unrestricted funds
Fund balances (deficit) beginning of year
Fund balances, end of year

See accompanying notes to financial statements.

GENERAL FUNDS RESTRICTED

General Funds Unrestricted	The Fund for Research	Other Restricted Funds	Fixed Assets Fund	Total All Funds	
				1977	1976
\$ 516,571	\$ 334,355	\$ 28,374		\$ 879,300	\$ 862,987
74,746	27,405			102,151	241,379
<u>591,317</u>	<u>361,760</u>	<u>28,374</u>		<u>981,451</u>	<u>1,104,366</u>
830,386				830,386	479,556
	230,822			230,822	202,444
<u>1,421,703</u>	<u>592,582</u>	<u>28,374</u>		<u>2,042,659</u>	<u>1,786,366</u>
63,306				63,306	71,328
829,361				829,361	713,985
227,281				227,281	257,165
11,232	1,969	1,537		14,738	8,981
	6,583			6,583	5,863
45,442	5,346	423		51,211	74,494
165,333				165,333	
9,671	4,562			14,233	6,448
<u>1,351,626</u>	<u>18,460</u>	<u>1,960</u>		<u>1,372,046</u>	<u>1,138,264</u>
<u>2,773,329</u>	<u>611,042</u>	<u>30,334</u>		<u>3,414,705</u>	<u>2,924,630</u>
594,761		20,000	\$ 2,937	617,698	519,852
759,743			4,404	764,147	660,077
307,378		23,388	1,468	332,234	231,029
127,000	474,270	11,092		612,362	585,425
<u>1,788,882</u>	<u>474,270</u>	<u>54,480</u>	<u>8,809</u>	<u>2,326,441</u>	<u>1,996,383</u>
303,269			489	303,758	269,158
257,028			489	257,517	163,453
<u>560,297</u>			<u>978</u>	<u>561,275</u>	<u>432,611</u>
<u>2,349,179</u>	<u>474,270</u>	<u>54,480</u>	<u>9,787</u>	<u>2,887,716</u>	<u>2,428,994</u>
424,150	136,772	(24,146)	(9,787)	526,989	495,636
	182,823			182,823	
<u>424,150</u>	<u>(46,051)</u>	<u>(24,146)</u>	<u>(9,787)</u>	<u>344,166</u>	<u>495,636</u>
(3,716)			3,716		
214,371	146,727	62,834	66,888	490,820	(4,816)
<u>\$ 634,805</u>	<u>\$ 100,676</u>	<u>\$ 38,688</u>	<u>\$ 60,817</u>	<u>\$ 834,986</u>	<u>\$ 490,820</u>

AMERICAN DIABETES ASSOCIATION, INC. (NATIONAL HEADQUARTERS)

**Statement of Functional Expenses (All Funds) for the Year Ended December 31, 1977
with Comparative Totals for the Year Ended December 31, 1976**

	Program	
	Professional Education	Patient Education
Employee Compensation:		
Staff salaries	\$176,226	\$232,268
Employee benefits (Note 7)	10,557	14,576
Payroll taxes	10,869	15,700
Total employee compensation	197,652	262,544
Outside printing, artwork, distribution, production, etc.	176,314	274,650
Occupancy costs	34,977	60,821
Office supplies and postage	46,124	55,749
Conferences, meetings and courses	98,089	5,405
Support of Diabetes Commission		
Editors' and authors' honoraria	9,833	11,000
Telephone and telegraph	9,552	9,883
Legal and auditing	1,516	
Renewal effort and promotion	8,165	17,303
Awards and grants (Note 3)		
Travel	12,862	17,744
EDP processing costs	12,616	30,196
Provision for doubtful accounts		
Miscellaneous	7,061	14,448
Subtotal	614,761	759,743
Depreciation and amortization	2,937	4,404
Total expenses	\$617,698	\$764,147

See accompanying notes to financial statements.

Services			Supporting Services			Total Program and Supporting Services	
Public Education	Research	Total	Management & General	Fund Raising	Total	1977	1976
\$ 91,324	\$ 21,655	\$ 521,473	\$113,167	\$ 83,343	\$196,510	\$ 717,983	\$ 633,399
6,622	674	32,429	6,438	6,410	12,848	45,277	48,322
6,085	1,486	34,140	7,081	5,389	12,470	46,610	41,511
104,031	23,815	588,042	126,686	95,142	221,828	809,870	723,232
116,883		567,847	2,422	89,402	91,824	659,671	489,767
16,441	2,225	114,464	4,450	5,563	10,013	124,477	110,327
18,182	4,629	124,684	6,361	27,082	33,443	158,127	122,635
10,001	17,426	130,921	54,209	8,352	62,561	193,482	189,439
33,418		33,418				33,418	36,709
		20,833				20,833	13,000
7,728	1,383	28,546	1,912	4,147	6,059	34,605	25,557
	220	1,736	23,450	5,498	28,948	30,684	23,273
		25,468				25,468	16,431
	561,891	561,891				561,891	534,862
19,859		50,465	3,396	17,384	20,780	71,245	55,008
		42,812				42,812	36,169
			56,523		56,523	56,523	2,385
4,223	773	26,505	23,860	4,458	28,318	54,823	40,669
330,766	612,362	2,317,632	303,269	257,028	560,297	2,877,929	2,419,463
1,468		8,809	489	489	978	9,787	9,531
<u>\$332,234</u>	<u>\$612,362</u>	<u>\$2,326,441</u>	<u>\$303,758</u>	<u>\$257,517</u>	<u>\$561,275</u>	<u>\$2,887,716</u>	<u>\$2,428,994</u>

NOTES TO FINANCIAL STATEMENTS

1. Summary of accounting policies:

The American Diabetes Association, Inc. (the Association) is a non-profit voluntary health agency, exempt from income tax under Section 501 (c) 3 of the Internal Revenue Code, qualified for the 50% charitable contributions deduction, and has been classified as an organization that is not a private foundation under Section 509 (a) of the Internal Revenue Code.

The Association has affiliated organizations active in furthering the Association in local areas and regions. These financial statements are for the National Headquarters only.

The Association follows the standards of accounting and financial reporting for voluntary health and welfare organizations developed by the National Health Council and the National Assembly for Social Policy and Development.

Fixed assets:

Furniture, fixtures and equipment are stated at cost and are depreciated by the straight-line method over the estimated useful lives of the assets. Leasehold improvements are amortized over the life of the lease or over the estimated useful lives of the improvements, whichever is shorter.

Revenue:

Subscription revenue is recognized over the term of the subscription, which generally does not exceed three years. Support from the public is included in revenue when pledges are received unless designated for a specific year; in that case, they are included in revenue of the year for which designated. Assets received as gifts are recorded at the market value at date of gift. Bequests are recognized at the time an unassailable right to the gift has been established and proceeds are measurable in amount.

Other:

For additional accounting policies followed by the Association concerning research programs, see Note 3.

2. Division of income with affiliates:

The Association has agreements with its affiliates whereby certain contributions received by each affiliate are shared with the Association, and certain contributions received by the Association from the area served by an affiliate are shared with such affiliate. The sharing percentages for 1977 were generally 25% and 75%, respectively, and are expected to remain at this level hereafter. The sharing percentages for 1976 were generally 20% and 60%, respectively.

Outstanding receivables from affiliates were as follows:

	1977	1976
Receivables from affiliates:		
Within one year.....	\$ 915,263	\$528,619
After one year	122,954	72,285
	<u>1,038,217</u>	<u>600,904</u>
Less allowance for doubtful accounts.....	60,000	10,000
	<u>\$ 978,217</u>	<u>\$590,904</u>

For the year ended December 31, 1977, the Association accepted approximately \$50,400 of restricted research funds from certain affiliates in satisfaction of certain unrestricted receivables from these affiliates.

3. Research programs:

The Association's awards for research and development are made for periods of from one to five years in length and are subject to annual renewal at the option of the Association. Prior to 1977 the amounts of such awards were recorded in the period for which the awards were made. Commencing with 1977, the Association has changed its accounting policy to record awards at the time of notification to the recipient. Awards subject to periodic renewal by the Association are recorded as an expense at the time of renewal. This method presents more completely the Association's financial commitments to fund research activities. The effect of this change is to increase 1977 research expense by \$24,027.

At December 31, 1977, the Association has remaining commitments for awards in excess of one year of \$555,000, of which \$185,000 is committed for 1978 and \$185,000, \$111,000 and \$74,000 are committed.

subject to review, for 1979 through 1981, respectively. Donated research funds of \$318,157 are available at December 31, 1977 for such payments.

Research awards and expenses totalling \$127,000 and \$125,000 for 1977 and 1976, respectively, were paid from General Funds—Unrestricted pursuant to resolutions of the Association's Board of Directors.

4. General Funds—Unrestricted fund balance:

On June 5, 1977, the Board of Directors approved the establishment of the Wendell Mayes, Jr., Affiliate Development Fund. This fund is to be established in an amount equal to that portion of the December 31, 1977 General Funds—Unrestricted fund balance in excess of \$100,000 but not to exceed \$500,000. The amount of the General Funds—Unrestricted fund balance at December 31, 1977 permits this fund to be established at the maximum of \$500,000.

5. Fund for research—Fund balance:

The balance sheet does not include the Nordisk Insulin-fond Foundation for The Elliott P. Joslin Fellowship which the Association does not own but from which the Association is entitled to receive earnings as defined. The market value of the assets comprising this fund amounted to \$148,451 at December 31, 1977, and \$152,864 at December 31, 1976.

6. Fund balances—Restricted:

At December 31, 1977 and 1976, the Association's restricted funds, other than the Fund for Research, were donor designated for the following purposes:

	<u>1977</u>	<u>1976</u>
Visual aids for instructions to diabetics and members of their families.....	\$26,939	\$25,811
International workshop on camping.....	6,814	6,107
Publication of the History of the American Diabetes Association....	1,822	1,746
Camperships for diabetic children.....	1,159	1,110
Participation in International Diabetes Federation Congress.....	1,954	4,671
Support of Diabetes Commission.....		23,389
	<u>\$38,688</u>	<u>\$62,834</u>

7. Pensions:

The Association has noncontributory trustee pension plans for substantially all salaried employees who have reached the age of 25 and have one year of service. There is no unfunded past service cost. Total pension expense for 1977 and 1976 was \$33,486 and \$39,291, respectively, including administration and consulting costs of \$8,547 and \$1,746, respectively.

At December 31, 1976, the Association had an unfunded pension obligation to a retired employee, which was included in the balance sheet at the actuarially determined amount of the liability. On July 4, 1977, this retired employee died and, accordingly, the unpaid pension liability ceased being an obligation of the Association. Consequently, the unpaid amount of \$165,333 was recognized as revenue in General Funds—Unrestricted.

8. Lease expense:

The Association's lease for its office facilities, which expires in 1982, requires annual rental payments of approximately \$115,800.

9. Sales to affiliates:

Included in the sales of educational and testing materials are sales to affiliates of \$65,304 and \$63,824 for 1977 and 1976, respectively.

AMERICAN DIABETES ASSOCIATION, INC. AND AFFILIATED DIABETES ASSOCIATIONS

**Combined Balance Sheet, December 31, 1977 and December 31, 1976
(Unaudited)**

ASSETS:

	1977	1976
General Funds—Unrestricted:		
Cash	\$2,720,247	\$1,864,852
Short term investments	674,742	584,130
Accounts receivable	234,964	225,642
Pledges receivable	137,650	111,164
Accrued interest	4,034	258
Supplies for sale or use	83,008	119,030
Prepaid expense and other assets	69,074	93,697
Securities held for investment (market value approximately \$93,405 and \$1,000)	101,602	1,000
	<u>\$4,025,321</u>	<u>\$2,999,773</u>
General Funds—Restricted:		
Cash	\$ 769,231	\$ 490,250
Marketable securities	342,542	249,577
Other assets	294,274	54,063
	<u>\$1,406,047</u>	<u>\$ 793,890</u>
Fixed Assets Fund:		
Unexpended cash	\$ 48,357	\$ 4,642
Land, buildings, equipment and improvements	1,734,158	1,745,667
	<u>\$1,782,515</u>	<u>\$1,750,309</u>
Endowment Fund:		
Cash	\$ 67,102	\$ 9,665
Investment securities	43,311	101,930
	<u>\$ 110,413</u>	<u>\$ 111,595</u>

See accompanying notes to combined financial statements.

LIABILITIES AND FUND BALANCES:

	1977	1976
General Funds—Unrestricted:		
Accounts payable and accrued liabilities	\$ 844,464	\$ 575,463
Pension liability (Note D)		173,685
Deferred income:		
Unexpired terms of subscriptions:		
<i>Diabetes Forecast</i>	\$ 323,433	\$ 259,415
<i>Diabetes: The Journal of the</i>		
<i>American Diabetes Association</i>	91,033	79,369
Membership dues	130,940	104,875
Contributions	273,396	171,972
Other	104,816	41,099
	923,618	656,730
Fund balance (Note D)		
Wendell Mayes, Jr. Development Fund (Note F) .	500,000	
Undesignated	1,757,239	1,593,895
	2,257,239	1,593,895
	<u>\$4,025,321</u>	<u>\$2,999,773</u>
General Funds—Restricted:		
Research grants and accounts payable	\$ 221,877	\$ 34,071
Fund balance	1,184,170	759,819
	<u>\$1,406,047</u>	<u>\$ 793,890</u>
Fixed Assets Fund:		
Mortgages payable	\$ 91,569	\$ 112,143
Fund balance:		
Unexpended cash	\$ 48,357	\$ 4,642
Investment in land, buildings, equipment		
and improvements	1,642,589	1,633,524
	1,690,946	1,638,166
	<u>\$1,782,515</u>	<u>\$1,750,309</u>
Endowment Fund:		
Accounts payable	\$ 110,413	\$ 1,888
Fund balance	\$ 110,413	109,707
	<u>\$ 110,413</u>	<u>\$ 111,595</u>

AMERICAN DIABETES ASSOCIATION, INC. AND AFFILIATED DIABETES ASSOCIATIONS

Combined Statement of Support, Revenue and Expenses and Changes in Fund Balances for the Year
Ended December 31, 1977, with Comparative Totals for the Year Ended December 31, 1976
(Unaudited)

Public support and revenue:

Direct public support:

Contributions
Special Events
Bequests

Indirect public support:

Received from federated and nonfederated organizations
Fees and grants from governmental agencies
Total public support

Revenue:

Membership dues
Program service fees
Subscriptions and other income from publications
Sales, educational and testing materials
Investment Income
Net gains on investment transactions
Recovery of early retirement provisions (Note D)
Miscellaneous revenue
Total revenue
Total public support and revenue

Expenses:

Program services:

Professional education
Patient education
Public education
Community services
Research (Note E)
Total program services

Supporting services:

Management and general
Fund raising
Total supporting services
Total expenses
Excess (deficiency) of public support and revenue over expenses

Other changes in fund balances:

Property and equipment acquisitions from other funds
Interfund transfers
Fund balances beginning of year
Changes in previously reported Affiliates' balances
Fund balances, end of year

See accompanying notes to combined financial statements.

General Funds Unrestricted	General Funds Donor Restricted	Fixed Assets Funds	Endowment Funds	Total All Funds	
				1977	1976
\$2,031,183	\$1,549,743	\$ 20,147	\$ 840	\$3,601,913	\$2,820,009
2,221,386	470,821			2,692,207	1,862,817
344,442	111,254			455,696	478,913
<u>4,597,011</u>	<u>2,131,818</u>	<u>20,147</u>	<u>840</u>	<u>6,749,816</u>	<u>5,161,739</u>
957,506	2,183			959,689	1,013,211
78,389	82,014			160,403	180,731
<u>5,632,906</u>	<u>2,216,015</u>	<u>20,147</u>	<u>840</u>	<u>7,869,908</u>	<u>6,355,681</u>
392,038				392,038	308,836
258,256	336,686			594,942	495,522
829,361				829,361	713,985
332,770	18,789			351,559	341,623
136,123	19,177		3,165	158,465	95,359
14,966	6,733	(2,113)		19,586	18,338
165,333				165,333	
70,767	43,810	10		114,587	97,691
<u>2,199,614</u>	<u>425,195</u>	<u>(2,103)</u>	<u>3,165</u>	<u>2,625,871</u>	<u>2,071,354</u>
<u>7,832,520</u>	<u>2,641,210</u>	<u>18,044</u>	<u>4,005</u>	<u>10,495,779</u>	<u>8,427,035</u>
1,061,317	30,415	7,456		1,099,188	945,789
1,806,967	533,547	31,897		2,372,411	1,710,291
1,000,864	73,619	9,227		1,083,710	853,697
853,758	248,113	29,439		1,131,310	942,233
270,119	1,408,442	1,044		1,679,605	1,396,375
<u>4,993,025</u>	<u>2,294,136</u>	<u>79,063</u>		<u>7,366,224</u>	<u>5,848,385</u>
1,170,596	11,325	11,130		1,193,051	1,000,791
880,009	9,637	5,396		895,042	694,461
<u>2,050,605</u>	<u>20,962</u>	<u>16,526</u>		<u>2,088,093</u>	<u>1,695,252</u>
<u>7,043,630</u>	<u>2,315,098</u>	<u>95,589</u>		<u>9,454,317</u>	<u>7,543,637</u>
788,890	326,112	(77,545)	4,005	1,041,462	883,398
(70,040)	(44,074)	114,114			
(105,783)	111,586	(4,079)	(1,724)		
1,593,895	759,819	1,638,166	109,707	4,101,587	3,329,335
50,277	30,727	20,290	(1,575)	99,719	(111,146)
<u>\$2,257,239</u>	<u>\$1,184,170</u>	<u>\$1,690,946</u>	<u>\$ 110,413</u>	<u>\$5,242,768</u>	<u>\$4,101,587</u>

AMERICAN DIABETES ASSOCIATION, INC. AND AFFILIATED DIABETES ASSOCIATIONS

Combined Statement of Functional Expenses (All Funds) for the Year Ended December 31, 1977 with Comparative Totals for the Year Ended December 31, 1976 (Unaudited)

	Program		
	Professional Education	Patient Education	Public Education
Employee compensation:			
Salaries	\$ 334,102	\$ 891,111	\$ 433,115
Employee benefits	21,487	48,723	22,593
Payroll taxes	21,065	67,425	27,950
Total employee compensation	376,654	1,007,259	483,658
Professional fees	37,583	100,802	58,242
Supplies	48,758	217,185	69,553
Telephone and telegraph	25,259	74,566	36,136
Postage and shipping	30,116	74,901	35,823
Occupancy	68,321	252,059	58,548
Rental and maintenance of equipment	3,451	16,588	6,684
Conferences, conventions and meetings	155,137	50,623	23,269
Travel	31,911	62,038	43,799
Printing and publications	222,969	364,797	230,188
Awards and grants	14,011	18,074	5,557
Provision for doubtful accounts			
Miscellaneous	74,836	84,406	18,730
Expenditures not delineated by type of cost by affiliates	2,726	17,216	4,296
Subtotal	1,091,732	2,340,514	1,074,483
Depreciation of buildings and equipment	7,456	31,897	9,227
Total expenses	<u>\$1,099,188</u>	<u>\$2,372,411</u>	<u>\$1,083,710</u>

See accompanying notes to combined financial statements.

Services			Supporting Services			Total Program and Supporting Services	
Community Service	Research (Note E)	Total	Management and General	Fund Raising	Total	1977	1976
\$ 458,641	\$ 72,249	\$2,189,218	\$ 540,871	\$411,594	\$ 952,465	\$3,141,683	\$2,520,602
23,912	2,365	119,080	29,811	22,534	52,345	171,425	149,266
28,980	4,875	150,295	34,119	28,109	62,228	212,523	170,437
511,533	79,489	2,458,593	604,801	462,237	1,067,038	3,525,631	2,840,305
32,534	3,172	232,333	72,816	14,506	87,322	319,655	262,125
119,620	6,224	461,340	51,711	58,710	110,421	571,761	478,761
31,449	3,329	170,739	36,277	24,386	60,663	231,402	148,924
27,075	1,932	169,847	33,839	28,871	62,710	232,557	128,218
116,081	6,041	501,050	64,307	40,747	105,054	606,104	468,790
8,220	483	35,426	14,773	5,489	20,262	55,688	73,086
25,213	23,868	278,110	81,613	25,915	107,528	385,638	348,441
44,209	1,632	183,589	39,438	36,965	76,403	259,992	214,102
79,334	3,076	900,364	37,107	148,045	185,152	1,085,516	802,656
16,357	1,547,404	1,418,580	7,355	6,707	14,062	1,615,465	1,331,587
			56,523		56,523	56,523	
43,940	1,542	223,454	71,856	33,119	104,975	328,429	244,669
46,306	369	70,913	9,505	3,949	13,454	84,367	139,200
1,101,871	1,678,561	7,104,338	1,181,921	889,646	2,071,567	9,358,728	7,480,864
29,439	1,044	79,063	11,130	5,396	16,526	95,589	62,773
\$1,131,310	\$1,679,605	\$7,183,401	\$1,193,051	\$895,042	\$2,088,093	\$9,454,317	\$7,543,637

NOTES TO COMBINED FINANCIAL STATEMENTS

Note A

The 1977 statements appearing on pages 11 to 16 inclusive, were compiled from the individual reports of the National Headquarters and sixty-seven affiliated associations and direct chapters.

Reports from five affiliated associations did not contain sufficient information to include their detailed financial activities in the combined statements. An additional nine affiliated associations did not submit reports. If the financial activities of these fourteen affiliated associations paralleled their financial activities as reported in the individual unaudited reports for the year in which they were last submitted, the effect of including their activity in the combined statements would have been to increase total support and revenue, total expenses and total fund balances by approximately 2% each.

The 1976 data appearing on pages 11 to 16 inclusive was similarly compiled from the reports of the National Headquarters and sixty affiliated associations and direct chapters. Reports from ten affiliated associations did not contain sufficient information and were not included. If the 1976 financial activities of these ten affiliated associations paralleled their financial activities for the last year in which reports were submitted, the effect of including their activity would have resulted in approximately a 2% increase in total support and revenue, total expenses and total fund balances.

The amount shown as "Changes in previously reported affiliate balances" represents mainly the beginning of year balances of affiliate associations not included in the prior year, less affiliates included in the prior year and not included in the current year, and changes to comply with the revised standards of accounting and financial reporting for voluntary health and welfare organizations.

Note B

The accounting policies followed by the National Headquarters are enumerated in Notes 1 and 3 of the notes to financial statements appearing on page 9 of this report. The accounting policies followed by affiliated associations vary by affiliate and do not necessarily parallel the accounting policies of the National Headquarters.

Note C

Income receivable from affiliates, as reported in the separate financial statements of the National Headquarters, has been eliminated in the combined statements as have all other material financial interaffiliate activities.

Note D

At December 31, 1976, the National Headquarters had an unfunded pension obligation to a retired employee, which was included in the balance sheet at the actuarially determined amount of the liability. On July 4, 1977, this retired employee died and, accordingly, the unpaid pension liability ceased being an obligation of the National Headquarters. Consequently, the unpaid amount of \$165,333 was recognized as revenue in General Funds—Unrestricted.

Note E

Research expense includes \$182,823, the cumulative prior years effect of the change in accounting policy to record research awards at the time of notification to the recipient. This item was treated separately in the financial statements of the National Headquarters. The accounting change is covered by Note 3 of those statements.

Note F

On June 5, 1977, the Board of Directors approved the establishment of the Wendell Mayes, Jr., Affiliate Development Fund. This fund is to be established in an amount equal to that portion of the December 31, 1977 General Funds—Unrestricted fund balance in excess of \$100,000 but not to exceed \$500,000. The amount of the General Funds—Unrestricted fund balance at December 31, 1977 permits this fund to be established at the maximum of \$500,000.

OFFICERS AND DIRECTORS OF THE AMERICAN DIABETES ASSOCIATION, INC.
Organization Year 1977-1978

OFFICERS

Chairman of the Board

Myles H. Tanenbaum*
Executive Vice President,
Kravco, Inc.
King of Prussia, Pennsylvania

President

Norbert Freinkel, M.D.*
Kettering Professor of Medicine
Northwestern University Medical School
Chicago, Illinois

President-Elect

Fred W. Whitehouse, M.D.*
Chief, Division of Metabolic Diseases,
Henry Ford Hospital
Detroit, Michigan

Vice President

Ronald A. Arky, M.D.*
Professor of Medicine, Harvard Medical School
at Mount Auburn Hospital
Cambridge, Massachusetts

Vice President

Benjamin Greenspoon*
Chief Trial Attorney
Securities and Exchange Commission
Chevy Chase, Maryland

Vice President

Patricia A. Lawrence, R.N.*
University of North Carolina,
School of Nursing
Durham, North Carolina

Secretary

Mrs. Jerome Kaplan*
President/Director,
Allentown Business School
Allentown, Pennsylvania

Treasurer

Eric Dunkley*
Deputy Executive Director, Finance
American Nurses' Association
Kansas City, Missouri

Past President

Donnell D. Etzwiler, M.D.*
Pediatrician, St. Louis Park Medical Center
Minneapolis, Minnesota

Past Chairman of the Board

Wendell Mayes, Jr.*
President KNOW, KCRS, KVIC Radio
Austin, Texas

Executive Vice President

John L. Dugan, Jr.*
American Diabetes Association, Inc.
New York, New York

BOARD OF DIRECTORS

Term Expiring 1978

Tim Lee Carter, M.D.
U.S. Representative from 5th District, Kentucky
Washington, D.C.

Barbara Christman, R.N., M.S.N.
Vanderbilt University School of Nursing
Nashville, Tennessee

Geoffrey H. Dale
Combustion Engineering, Inc.
Simsbury, Connecticut

Mrs. Sheldon Feinman
Lerer Realty Corporation
Dallas, Texas

Philip W. Felts, M.D.
Vanderbilt University School of Medicine
Nashville, Tennessee

Gerald J. Friedman, M.D.
New York University College of Medicine
New York, New York

John A. Galloway, M.D.
Senior Clinical Pharmacologist
Lilly Clinic, Lilly Research Laboratories
Wishard Memorial Hospital
Indianapolis, Indiana

Lee A. Iacocca
President, Ford Motor Company
Dearborn, Michigan

John C. Johns, M.D.
Northeastern Ohio Universities College of Medicine
Akron, Ohio

Gene Kidd
President, Baptist Hospital
Nashville, Tennessee

Paul E. Lacy, M.D.
Washington University School of Medicine
St. Louis, Missouri

Alvin Z. Levine
Levine / Seegel Associates
Los Angeles, California

Robert L. Nielsen, M.D.
University of Washington School of Medicine
Seattle, Washington

Russell L. Poucher, M.D.
University of California, Irvine, College of Medicine
Whittier, California

Mrs. Stanley Silverberg
Public Relations
Potomac, Maryland

Joseph Zarish
President, Canterbury House, Inc.
Deerfield, Illinois

* Members of the Board of Directors by reason of office

Term Expiring 1979

Donald I. Bell, M.D.
Northwestern University Medical School
Evanston, Illinois

Harlan L. Hanson
Vice President, Marketing
Thermo Serv, Division of Dart Industries
Maple Grove, Minnesota

Frank W. Hausmann, Jr.
Senior Vice President
Trust Division
National Bank of Detroit
Detroit, Michigan

Mrs. Linn Hoover
President, Joan Hoover Interiors, Inc.
Chevy Chase, Maryland

Vernon N. Hopkins
Vice President
Merrill Lynch, Pierce Fenner & Smith, Inc.
Memphis, Tennessee

Thomas A. Huff, M.D.
Medical College of Georgia
Augusta, Georgia

Lawrence L. Lapham
Lawrence L. Lapham, Inc.
New York, New York

Myrtis A. McSweeney, R.N.
Coordinator, Diabetes Education,
Waltham Hospital
Waltham, Massachusetts

Gilbert L. Marks
President, Marco Sales, Inc.
St. Louis, Missouri

John M. Panza
Administrator
West Virginia Division of Vocational Rehabilitation
Fairmont, West Virginia

Charles H. Read, M.D.
University of Iowa Medical College
Iowa City, Iowa

Harold Rifkin, M.D.
Albert Einstein College of Medicine
New York, New York

Charles R. Shuman, M.D.
Temple University School of Medicine
Philadelphia, Pennsylvania

Irving L. Spratt, M.D.
Practice of Internal Medicine
San Bernardino, California

Luther B. Travis, M.D.
University of Texas Medical Branch
Galveston, Texas

Term Expiring 1980

Allan L. Drash, M.D.
Children's Hospital
Pittsburgh, Pennsylvania

John C. Floyd, Jr., M.D.
University of Michigan Medical Center
Ann Arbor, Michigan

Leonard A. Haba
Vice President and Corporate Comptroller
PACCAR, Inc.
Bellevue, Washington

Nancy Hall, R.N.
Diabetic Management Clinic
Upper Marlboro, Maryland

Robert Hart
Vice President
McGraw-Hill Broadcasting Company, Inc.
General Manager, KMGH-TV
Englewood, Colorado

Mrs. Harris Kortman
Community Affairs
Holland, Michigan

Robert L. Kroc, Ph.D.
President, The Kroc Foundation
Santa Ynez, California

Ann M. Lawrence, M.D., Ph.D.
Loyola University Stritch School of Medicine
Hines, Illinois

Leona V. Miller, M.D.
University of California, Irvine
Pasadena, California

Ralph Murphy, M.D.
Practice of Internal Medicine
Atlanta, Georgia

Marjorie Peebles-Meyers, M.D.
Wayne State University School of Medicine
and Ford Motor Company
Dearborn, Michigan

Art Raymond
Director of Indian Studies
University of North Dakota
Grand Forks, North Dakota

Gordon Stulberg
Attorney
Mitchell, Silberberg & Knupp
Los Angeles, California

T. Franklin Williams, M.D.
Monroe Community Hospital
Rochester, New York

THE PRESIDENT'S ADVISORY COUNCIL

Robert Anderson
President, Rockwell International, Inc.
Pittsburgh, Pennsylvania

Donald N. Frey
Chairman, Bell & Howell
Chicago, Illinois

Henry W. Gadsden
Chairman (ret.), Merck, Inc.
Short Hills, New Jersey

Julian Goodman
Chairman, National Broadcasting Co., Inc.
New York, New York

Lee Iacocca
President, Ford Motor Company
Dearborn, Michigan

Leo-Arthur Kelmenson
President, Kenyon & Eckhardt
New York, New York

Dina Merrill
New York, New York

John R. Miller
President, Hearst Corporation
New York, New York

Raymond J. Mulligan
President, Liggett & Myers, Inc.
Durham, North Carolina

John J. Nevin
President, Zenith Radio Corporation
Glenview, Illinois

William Phillips
Chairman, International Multifoods Corp.
Minneapolis, Minnesota

Frank T. Reilly
President, Brooks Brothers
New York, New York

Frederick Silliman
President, The Hydraulic Company
Bridgeport, Connecticut

Roger Staubach
Quarterback, Dallas Cowboys Football Club
Dallas, Texas

William F. Talbert
Senior Vice President
Security Columbian Banknote Co.
New York, New York

J. Joseph Vacca
President
National Association of Letter Carriers, AFL-CIO
Washington D. C.

NATIONAL OFFICE STAFF

John L. Dugan, Jr.
Executive Vice President

Louis C. Bernst, Esq.
Legal Counsel

William A. Aspinwall
Finance Director

Dorothy M. Born
Patient Education Program
Coordinator

Robert E. Connery
Fund Raising Director

Barbara El-Beheri, R.D.
Nutrition Program Coordinator

Edward A. Falasca
Development Director

William Ferguson
Program Development and
Field Operations Director

David G. Grant
Northeast Region Director

Harry A. Hansen
Administrative Services Director

Gabriel Icart
Chief Accountant

Susan Lovell
Managing Editor, *Diabetes*
and *Diabetes Care*

Joseph P. Murray
Midwest Region Director

James Neidigh
Western Region Director

Frank G. Pegrum
Circulation Manager

Ceil Pernica
Public Relations Director

Al Rickli
Circulation Manager

Marlin D. Roberts
Organization Consultant

Theodore W. von Eiff
Youth Activities and Public Education
Program Coordinator

Caroline Stevens
Publications Director

Catherine Ward
Legislative and Association
Affairs Director

Roberta L. Warren
Membership Secretary



American Diabetes Association, Inc.
600 Fifth Avenue
New York, New York 10020

Member National Health Council
Member Combined Federal Campaign

1977 FINANCIAL STATEMENTS